



# A letter from the Chairman, President and Chief Executive Officer

Long before the concept of sustainability ever had a name, 3M served as a leader among its peers for reducing its impact on the environment while conserving resources. 3M learned a few things over the last 30 years and now offers this catalog of products developed from 3M innovation to help customers achieve sustainability goals -- whether they are saving energy, reducing greenhouse gas emissions, or purchasing products that are made with fewer solvents, 3M has a solution.

Sustainability is the responsibility of everyone. Together with customers, 3M hopes to continue to meet today's needs while allowing the next generation to meet its needs.

Sincerely,

George W. Buckley, Chairman, President and CEO





# Our Operations

## **EHS Management**

3M's Environmental, Health and Safety (EHS) Management System promotes sound environmental management at our facilities worldwide. It helps us address changing customer needs and expectations as we continue to drive sustainable growth. The EHS Management System:

- Includes an integrated, holistic system that anticipates and addresses long-term issues and drives continuous improvement.
- Promotes a strategic planning process that integrates EHS issue resolution into business unit strategic plans.
- Requires each business unit to identify EHS issues, develop formal action plans, set goals and measure results.

## **Reducing Our Environmental Footprint**

Continuous improvement is a vital component of the company's environmental performance. 3M believes in setting aggressive corporate environmental goals and we have been articulating our environmental objectives since the early 1990s. In 2005, 3M set a new group of goals for the period of 2005 to 2010. These are stretch goals that are built on 3M's reductions achieved through 2005. The current goals, which are indexed to net sales, are as follows:

- Reduce Volatile Air Emissions by 25%.
- Improve Energy Efficiency by 20%.
- Reduce Waste by 20%.
- Complete 800 Pollution Prevention Pays (3P) Projects (not indexed to net sales).

## **Addressing Climate Change**

3M understands that energy efficiency is a critical element in managing climate change. These efforts date back to 1973, when the Energy Management Department was first formed. Today, 3M has an aggressive energy and greenhouse gas (GHG) management strategy which includes developing a 3rd-party certified GHG inventory; continuously improving GHG accounting systems; setting voluntary GHG emissions reduction goals; reducing the company's GHG footprint through process improvements, energy conservation and

controls; and developing a range of products that help 3M's customers reduce their energy use and GHG emissions.

- GHG emissions reduction goal of 50% (from a 1990 base year)
- Achieved a 62% reduction from 1990 2007

## **Ethical Operations**

Sustaining 3M's future includes acting in a socially responsible way toward potential, current and former employees. As an ethical and law-abiding company, 3M complies with government regulations around the world concerning human rights, employees and employment laws and expects ethical behavior from employees in accordance with our global Business Conduct Manual. 3M's conduct goes beyond obligation to include policies that help support a challenging, productive and enjoyable work culture.

## Bringing Greater Opportunity to Employees

The success of 3M over the years has been due, in large part, to the dedication, skill and effort of our employees — all over the world. Our culture always has emphasized integrity and fairness alongside innovation and excellence, and we will continue to help employees develop their diverse talents which:

- Respects the dignity and worth of individuals.
- Encourages the initiative of each employee.
- Challenges individual capabilities.
- Provides equal opportunity.

## 1990-2008 Environmental Progress

- 95% reduction in absolute volatile air emissions.
- 95% reduction in absolute U.S. TRI releases (2007 emissions, 2008 reporting year).
- 62% reduction in absolute greenhouse gas emissions.
- 64% reduction in solid waste indexed to net sales.



#### **Solutions for Our Customers**

#### Product Life Cycle Management

Life Cycle Management is an integral part of 3M's sustainability strategy. Instead of only focusing on the manufacturing process to control environmental, health, safety and energy effects, the spotlight is now on products throughout their entire life cycle, from manufacturing through customer use and disposal. 3M has adopted a Life Cycle Management Policy requiring all business units to conduct LCM reviews for all new products and to conduct LCM reviews on existing products on a prioritized basis.

#### 3M Environmental Product Solutions

As 3M has reduced its environmental footprint, we now offer our customers a portfolio of products to help them reduce their impact on the environment. 3M has several catalogs showcasing 3M products designed to address environmental challenges in the following markets: cleaning and maintenance, construction and industrial production, communications, office supplies, transportation, and health care. The Environmental Solutions catalogs can be downloaded at <a href="https://www.3M.com/EnvSolutions">www.3M.com/EnvSolutions</a>.

## **Engaging Stakeholders**

#### Partnering to Drive Sustainability

3M strives to maintain a continuous and open dialogue with the community, shareholders, employees, retirees and other interested parties about the environmental, social and economic issues related to our operations including past achievements and future sustainability goals. We partner with a variety of organizations to help provide the company with a diverse set of viewpoints on sustainability, a better understanding of the positions of our stakeholders, and a mechanism to learn from the successes and failures of our peers.

#### Working with Suppliers

3M has a formal process as part of its Sourcing Policy that sets standards for its suppliers in the areas of environmental, health and safety, transportation, and labor and human resources. The standards apply to the selection and retention of all suppliers that provide goods or services to 3M worldwide and establish a framework that 3M considers important to a safe and healthy workplace, to the maintenance of fair and reasonable labor and human resource practices, and to the management of manufacturing and distribution operations to minimize adverse impact to the environment.

#### **Community Giving**

Because of 3M's business success, we are able to invest in innovative community programs that help make the future brighter for everyone. Community giving is an important part of 3M's sustainability strategy. 3M's philanthropy combines 3M and 3M Foundation cash gifts, donated products and volunteerism by employees and retirees. Our global Community Giving Program is decentralized with 3M subsidiaries in each country developing and administering a program that is consistent with the local culture, community needs and environment in which we operate.

## 3M's Key Business Strengths

Every day 3M people find new ways to make amazing things happen. Wherever they are, whatever they do, the company's customers know they can rely on 3M to help make their lives better.

Strong Technology Base: Virtually anywhere you go, 3M technologies are at work — making life easier and better for people around the world. You'll find 3M technologies and products in homes, offices, hospitals, dental offices, manufacturing facilities, cars, aircraft, traffic signs, LCD displays and countless other places. Drawing on more than 40 technology platforms, 3M employees use their imagination to develop products that transform existing industries and create entirely new ones.

**Leading Market Positions:** 3M is a world leader in most of its businesses. We've created many markets, frequently by developing products that fulfill unarticulated customer needs.

Healthy Mix of Businesses: 3M serves a broad array of markets, providing many avenues for growth and cushioning the company from disruptions in any single market. 3M has a worldwide presence in the following markets: consumer and office; display and graphics; electro and communications; health care; industrial and transportation; and safety, security and protection services.

**Well-Known Brands:** Representing quality, innovation and reliability, 3M brands earn customer loyalty, encourage repeat purchases and motivate users to try new 3M products.

**Worldwide Presence:** We have companies in more than 60 countries around the world, and we sell our products in nearly 200 countries. More than half of our sales are outside the United States.



3M has a longstanding commitment to sustainable development through environmental protection, social responsibility and economic progress. To us, that means meeting the needs of society today, while respecting the ability of future generations to meet their needs. We recognize that the company's long-term success springs from adopting and implementing the principles of sustainable development: stewardship to the environment, contributions to society, and to the creation of economic value and worth. At the same time, we recognize that only by continuing to be a viable and successful enterprise can we continue to be a positive contributor to sustainable development.

## **Our Corporate Values**

3M's sustainability policies and practices are directly linked to our fundamental corporate values:

- Act with uncompromising honesty and integrity in everything we do.
- Satisfy our customers with innovative technology and superior quality, value and service.
- Provide our investors an attractive return through sustainable, global growth.
- Respect our social and physical environment around the world.
- Value and develop our employees' diverse talents, initiative and leadership.
- Earn the trust and admiration of all those associated with 3M worldwide.

## 2008 Company Snapshot

- \$25.3 billion in net sales.
- More than 79,000 employees worldwide.
- 3M employs mostly local nationals. Fewer than 300 3M employees worldwide are Foreign Service Employees not residing in their home countries.
- In the United States, 3M and the 3M Foundation donated more than \$48 million through its community giving programs.

## **Our Sustainability Strategies**

In 2008, 3M launched a company-wide project to develop three strategic principles around sustainability. 3M's strategies for sustainability encompass the pursuit of customer satisfaction and commercial success within a framework of environmental, social and economic values. These principles, developed collaboratively across businesses and geographies, provide 3M businesses and corporate staff groups with a flexible framework to engage our customers and key stakeholders around sustainability. They reflect 3M's commitment to reducing its environmental footprint, operating in a socially responsible manner, and helping 3M customers address their environmental challenges via 3M's innovative products and technologies. The principles were adopted by the Corporate Operating Committee and serve as a center point of 3M's sustainability efforts going forward.

#### **3M Sustainability Principles**

- Economic Success: Build lasting customer relationships by developing differentiated, practical and ingenious solutions to their sustainability challenges.
- Environmental Protection: Provide practical and effective solutions and products to address environmental challenges for ourselves and our customers.
- Social Responsibility: Engage key stakeholders in dialogue and take action to improve 3M's sustainability performance.



Roofing Products	3
Energy & Atmosphere Fire Protection Industrial & Energy Solutions Lighting Solutions Water Filtration Window Films: Glass Enhancement & Protection	4 4 7
Materials & Resources     Architectural Finishes     Commercial Cleaning     Facilities     Floor Pads     Office Products: Durable Goods     Office Products: Ongoing Consumables     Security Solutions	
Indoor Environmental Quality Adhesives & Sealants Air Quality Architectural Finishes Commercial Cleaning Chemicals Fire Protection Floor Matting Large Format Graphics Other Industrial Tapes VHB Tapes	30 31 32 32 35 37 37
Innovation & Design Process Cleaning Sponges & Cloths	43

## **Roofing Products**

#### 3M™ Cool Roofing Granules

3M is the world's leading supplier of colored and specialty granules for use in the asphalt shingle industry. 3M recently added eight new colors, expanding the line of Cool Roofing Granules to nearly 20 wide ranging vivid colors. Cool Roofing Granules represent an energy efficient roofing granule technology. Based on 3M reflectivity test methods, Cool Roofing Granules are up to three times more reflective than comparable typical colored granules, which can help keep your home cool resulting in reduced energy consumption and lower energy cost.



Website: www.scotchgard.com/roofinggranules

**LEED® Claim:** Use of this product helps contribute to LEED® NC v2.2- SS Credit 7.2: Heat Island Effect: Roof; and LEED® EB v2.0- SS

Credit 6.2 Heat Island Reduction: Roof.

**Environmental/Energy Advantage:** Can help keep your home cool with less energy consumption and lower energy cost. 3M<sup>TM</sup> Cool Roofing Granules in the appropriate blend combination meet or exceed the 25% initial reflectance in order to qualify for the United States Environmental Protection Agency Energy Star® program.

## Scotchkote™ Reinforced Roof Coatings

Scotchkote<sup>TM</sup> Reinforced Roof Coatings provide waterproofing and weatherproofing for low-slope roofs. When applied to aged roofs, the reinforced coating solution eliminates the need to remove and landfill debris created during normal re-roofing. Coating options include the use of a water-based acrylic with low VOC's or a single-pack polyurethane. The system can be finished with a reflective white top coat to reduce building cooling requirements and the urban heat island effect.

Website: www.scotchkoteroofing.com

LEED® Claim: LEED® Claim: Use of this product helps contribute to LEED® NC v2.2- SS Credit 7.2:

Heat Island Effect: Roof; and LEED® EB v2.0- SS Credit 6.2 Heat Island Reduction: Roof.

Environmental/Energy Advantage: Reflective white top coat reduces building cooling requirements and urban heat island effect.

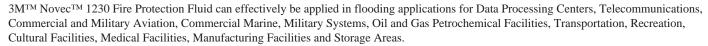


#### Fire Protection

#### 3M™ Novec™ 1230 Fire Protection Fluid

3M<sup>TM</sup> Novec<sup>TM</sup> 1230 Fire Protection Fluid is a next-generation halon replacement, designed to address concerns for human safety, extinguishing performance and the environment. Unlike first-generation HFCs, Novec 1230 fluid defines sustainable clean agent protection with the following features:

- > Zero ozone depletion potential
- > A global warming potential of one
- > Five-day atmospheric lifetime
- > Safe for occupied spaces

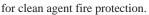


**Toll Free Number:** 1-800-810-8513 **Website:** www.3m.com/novec1230fluid

LEED® Claim: Use of this product helps contribute to LEED® NC v2.2- EA Credit 4: Enhanced Refrigerant Management; and LEED® EB

v2.0- EA Credit 4 Additional Ozone Protection.

Environmental/Energy Advantage: With zero ozone depletion potential, extremely low global warming potential and short atmospheric lifetime, 3M<sup>TM</sup> Novec<sup>TM</sup> 1230 Fire Protection Fluid is the first chemical halon replacement to offer a viable, long-term, sustainable technology



## **Industrial & Energy Solutions**

#### 3M™ Nextel™ Ceramic Textiles and Composites

3M<sup>TM</sup> Nextel<sup>TM</sup> Ceramic Textiles and Composites provide innovative solutions in industries from aerospace to petroleum refining to metal processing. The outstanding thermal protection provided by Nextel<sup>TM</sup> Fabrics, Tapes and Sleevings allows engineers and manufacturers to handle high temperature applications up to 2500°F (1371°C).

Website: www.3m.com/ceramics

**LEED® Claim:** Use of this product helps comply with LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

**Environmental/Energy Advantage:** Among multiple uses, 3M<sup>TM</sup> Nextel<sup>TM</sup> Textiles are employed to seal tubes in refinery applications retaining their strength and flexibility even after prolonged exposure to temperatures in excess of 2000°F. They prevent the ingress of tramp air and save money by decreasing fuel consumption, reducing heat losses and controlling excess oxygen.

## **Lighting Solutions**

#### 3M™ Light Enhancement Film 3635-100

3MTM Light Enhancement Film 3635-100 is a 5.5 mil film with a patented matte white diffuse reflective surface. It provides more than 90% reflectivity for increased light output and greater sign luminance, improving lighting efficiency, which may result in energy savings. Use it to cover all interior opaque surfaces within single-sided, internally illuminated cabinets such as signs and light boxes, channel letters, informational graphic light boxes, vending and dispensing machines and more. It can be electronically cut and thermoformed. Refer to 3M Product Bulletin 3635-100 for complete details.

Queen Queen

**Toll Free Number:** 1-800-328-3908 **Website:** www.3mgraphics.com

**LEED®** Claim: Use of this product helps comply with LEED®2009 NC- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1: (Optimize Energy Performance); CI- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1.1: (Optimize Energy Performance); CS-EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1; EB O&M- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1. **Environmental/Energy Advantage:** Use of this film can eliminate painting and VOC emissions from the painting process. In addition, it increases available light to allow sign manufacturers to decrease lighting components, resulting in less energy use.

4



## **Lighting Solutions**

#### 3M™ Light Pipe

3M<sup>TM</sup> Light Pipe Series LPS100, LPS150 and LPS250 are innovative, modular lighting systems that are designed to distribute light evenly along their entire length. The light pipes are a series of cylindrical, interconnected light distribution modules ranging in length from 4 to 20 meters for LPS250 series and from 8 to 64 feet for LPS100 series and LPS150 series. These modules, called light pipes, are lined with a 3M<sup>TM</sup> Optical Lighting Film 2301 which has unique properties that produce a uniform illumination from a single light source. An extractor strip of 3M<sup>TM</sup> Light Enhancement Film 3635-100 diffuses light reflection inside the pipe so that it is uniformly distributed along the entire length of the system (See product bulletin).



**Toll Free Number:** 1-800-328-3908 **Website:** www.3m.com/lightingproducts

**LEED®** Claim: Use of this product helps comply with LEED®2009 NC- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1: (Optimize Energy Performance); CI- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1.1: (Optimize Energy Performance); CS-EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1; EB O&M- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1. **Environmental/Energy Advantage:** Isolates heat, UV and electrical power, reduced glare, uniform illuminator focused where it is needed. In addition, they improve visual performance and comfort.

#### 3M™ High Luminance Light Fiber

3M<sup>TM</sup> High Luminance Light Fiber is an especially brilliant type of fiber that creates a bright, visually uniform effect (See product bulletin).

#### Features:

- > Compliments neon and LED chip strips
- > High durability- resists breakage
- > Fiber is flexible
- > Design flexibility with clean appearance
- > Ideal for indoor and outdoor applications
- > Remote light source
- > Cool to touch
- > No electrical hazard along fiber
- > Low voltage alternatives
- > Easy to change light source

**Toll Free Number:** 1-800-328-3908 **Website:** www.3m.com/lightingproducts

**LEED® Claim:** Use of this product helps comply with LEED®2009 NC- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1: (Optimize Energy Performance); CI- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1.1: (Optimize Energy Performance); CS-EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1; EB O&M- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1. **Environmental/Energy Advantage:** When paired with energy efficient solid state light sources, 3M<sup>TM</sup> High Luminance Light Fiber offers opportunity for energy savings over traditional light sources. 3M<sup>TM</sup> High Luminance Light Fiber is a more environmentally preferable solution than fluorescent or neon lights because it contains no mercury or heavy metals. Furthermore, 3M<sup>TM</sup> High Luminance Light Fiber is safer for use in public areas that are sensitive to glass breakage from traditional light sources.



## **Lighting Solutions**

#### 3M<sup>™</sup> Daylighting Radial Lens Film DRLP22

3M<sup>TM</sup> Daylighting Radial Lens Film DRLP22 is a continuous web of 4-inch square UV-stabilized polycarbonate lenses. On one side are optical-quality circular prisms 0.0008 inches in depth. The other side of the 0.022-inch film has a smooth finish. The lenses are designed to capture sunlight from a wide range of angles an uniformly distribute the light from its lens surface to an interior space. The unique lens design reduces glare and eliminates hot spots, and because of the optical grade plastic used, the film does not alter the colors of the transmitted light. A majority of the light is contained in a cone angle of 90 degrees. This feature allows lighting designers to efficiently illuminate floor areas and maintain adequate ambient levels on the walls (See product bulletin).



**Toll Free Number:** 1-800-328-3908 **Website:** www. 3mgraphics.com

**LEED® Claim:** Use of this product helps comply with LEED®2009 NC- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1: (Optimize Energy Performance); CI- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1.1: (Optimize Energy Performance); CS-EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1; EBOM- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1. Also, NC, CI, CS- EQ Credit 8.1, as related to increasing the level of daylight.

**Environmental/Energy Advantage:** This product is extremely efficient at reflecting visible wavelengths of light and can increase the efficiency of lighting or the use of daylight. Using this product to efficiently transfer daylight to the building interior, can reduce the energy required for lighting as well as improving the quality of the environment.

#### 3M<sup>™</sup> Daylighting Film DF2000MA

3M<sup>TM</sup> Daylighting Film DF2000MA is a polymeric film providing specular reflection with greater than 99% luminous reflectivity for wavelengths from 400 nm to 775 nm (visible light). This high rate of reflectivity is especially important in applications where light is transferred or directed through multiple reflections. For example, when directing daylight down a duct or a tube with 20 points of reflection, going from 99 to 98% reflectivity (a 1% decrease) will cause a decrease in light output of up to a 20%. This metal-free, non-corroding and non-conducting film is well-suited for daylighting applications. It has a pressure sensitive adhesive for a secure bond and a polyethylene liner to protect its reflective surface during installation (See product bulletin).



**Toll Free Number:** 1-800-328-3908 **Website:** www.3m.com/lightingproducts

**LEED® Claim:** Use of this product helps comply with LEED®2009 NC- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1: (Optimize Energy Performance); CI- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1.1: (Optimize Energy Performance); CS-EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1; EB O&M- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1. Also, NC, CI, CS- EQ Credit 8.1, as related to increasing the level of daylight.

**Environmental/Energy Advantage:** This product is extremely efficient at reflecting visible wavelengths of light and can increase the efficiency of lighting or the use of daylight. Using this product to efficiently transfer daylight to the building interior, can reduce the energy required for lighting as well as improving the quality of the environment.

#### 3M™ Uniform Lighting Panels

The 3M<sup>TM</sup> Uniform Lighting Panel is a clear rigid panel that has an innovative 3M optical lighting film mounted to it. This film is specifically designed to reflect or transmit light depending upon the angle at which a light ray strikes its surface with very low light absorption. Because of these unique optical properties, these lighting panels can be used in light boxes to transport and distribute the light uniformly with extremely high efficiency, while minimizing the number of lamps needed and the thickness of the box. Refer to 3M Product Bulletin ULP for complete details.



**Toll Free Number:** 1-800-328-3908 **Website:** www.3m.com/lightingproducts

**LEED®** Claim: Use of this product helps comply with LEED®2009 NC- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1: (Optimize Energy Performance); CI- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1.1: (Optimize Energy Performance); CS-EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1; EB O&M- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1. **Environmental/Energy Advantage:** Offers a reduction in energy consumption compared to traditionally backlit boxes. Features brightness suitable for backlit applications.

#### Water Filtration

#### 3M™ Water Filtration BREW series

3M<sup>TM</sup> Water Filtration BREW series add a scale inhibitor to the water to help control the precipitation of the carbonates as hard lime scale.

**Toll Free Number:** 1-888-218-CUNO **Website:** www.cunofoodservice.com

LEED® Claim: Use of this product helps comply with LEED® NC v2.2, EB v2.0-EA Prerequisite 2: Minimum Energy

Performance; and helps contribute to LEED® NC v2.2- EA Credit 1: Optimize Energy Performance.

**Environmental/Energy Advantage:** Energy savings through control of lime-scale formation on coffee-brewer heating coils and boilers. 3,500 gallon capacity for chlorine taste and odor reduction; scale reduction; sediment reduction, cyst reduction (BREW110-MS), and

bacteria reduction.



 $3M^{TM}$  Water Filtration ICE series add a scale inhibitor to the water to help control the precipitation of the carbonates as hard lime scale.

**Toll Free Number:** 1-888-218-CUNO **Website:** www.cunofoodservice.com

**LEED® Claim:** Use of this product helps comply with LEED® NC v2.2, EB v2.0-EA Prerequisite 2: Minimum Energy

Performance; and helps contribute to LEED® NC v2.2- EA Credit 1: Optimize Energy Performance.

**Environmental/Energy Advantage:** Energy savings through control of lime-scale formation on ice machine evaporator plates. 25,000 gallon capacity for chlorine taste and odor reduction; scale reduction; sediment reduction, cyst reduction (ICE140-S), and bacteria reduction.



## Window Films: Glass Enhancement & Protection

#### 3M™ Sun Control Window Films-Amber

3M<sup>TM</sup> Sun Control Window Films-Amber makes light a welcome addition to your environment. Since 1966, 3M has been improving light with window films. As a leader in both adhesive and film technologies, 3M brings together these disciplines to create the finest products available. The quality of our window films is confirmed by the satisfaction of hundreds of thousands of users worldwide. 3M Window Films are designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99% of the sun's harmful ultraviolet rays, which are the single largest cause of fading.



**Toll Free Number:** 1-866-499-8857 **Website:** www.3m.com/windowfilm

**LEED® Claim:** Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

**Environmental/Energy Advantage:** Our films block up to 99% of the sun's damaging UV rays which are the single largest cause of fading and sun damage. Additional benefits include an elegant appearance, reduced glare and improved comfort. 3M Amber Sun Control Window Films reject up to 74% of the sun's heat that comes through the window. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many 3M<sup>TM</sup> Window Film products as effective UV protectants.

#### 3M™ Sun Control Window Films-Neutral

3M<sup>TM</sup> Sun Control Window Films-Neutral make light a welcome addition to your environment. Since 1966, 3M has been improving light with window films. As a leader in both adhesive and film technologies, 3M brings together these disciplines to create the finest products available. The quality of our window films is confirmed by the satisfaction of hundreds of thousands of users worldwide. 3M Window Films are designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99% of the sun's harmful ultraviolet rays, which are the single largest cause of fading.



This 3M<sup>TM</sup> Window Film offers a unique combination of low reflectivity and high performance. It has a neutral/gray color due to the metal coating and will not fade or change color over the product lifetime.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3m.com/windowfilm

**LEED® Claim:** Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

**Environmental/Energy Advantage:** Our films block up to 99% of the sun's damaging UV rays which are the single largest cause of fading and sun damage. Additional benefits include an elegant appearance, reduced glare and improved comfort. 3M Neutral Sun Control Window Films reject up to 66% of the sun's heat that comes through the window. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many 3M<sup>TM</sup> Window Film products as effective UV protectants.

#### 3M™ Sun Control Window Films-Nickel

3M<sup>TM</sup> Sun Control Window Films-Nickel make light a welcome addition to your environment. Since 1966, 3M has been improving light with window films. As a leader in both adhesive and film technologies, 3M brings together these disciplines to create the finest products available. The quality of our window films is confirmed by the satisfaction of hundreds of thousands of users worldwide. 3M Window Films are designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99% of the sun's harmful ultraviolet rays, which are the single largest cause of fading.



This 3M<sup>TM</sup> Window Film provides a performance rivaling the amber film, but with a light transmission and color that comes close to the lighter neutral film. Aesthetically, the film offers a nickel appearance.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3m.com/windowfilm

**LEED® Claim:** Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

**Environmental/Energy Advantage:** Our films block up to 99% of the sun's damaging UV rays which are the single largest cause of fading and sun damage. Additional benefits include an elegant appearance, reduced glare and improved comfort. 3M Nickel Sun Control Window Films reject up to 57% of the sun's heat that comes through the window. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many 3M<sup>TM</sup> Window Film products as effective UV protectants.

## 3M Window Films Saves Energy and Waste at a Victoria, BC Site

#### **PROBLEM**

The Province of British Columbia needed a state of the art building to facilitate the growth of Victoria's thriving technol-ogy sector. The former Glendale Lodge Facility was a prime location, but had been largely vacant in years and in need of a major renovation. There were obvious economic and environmental benefits for developing the former Glendale Lodge facility. The existing windows in the centre wing as well as the bays of the north and south wings were all single pane glass. The expansive glass area allowed exces-sive solar heat gain in the summer and heat loss in the winter. Total glass area was approximately 10,000 square feet. Architect Christopher Rowe (now with Cannon Design) needed to address the issues of heat gain and heat loss while maintaining the magnificent views and permitting natural lighting.

#### **SOLUTION**

After extensive product research, the architects called the experts at Titan Window Films of Victoria - an authorized 3M window film dealer for 3M Canada with over 25 years of experience. Doug Ritch of Titan recommended 3M™ Sun Control Window Films. "This Low E film reduces solar heat transmission by up to 69% while diffusing direct beam sun-light for day lighting applications. The film will also reduce heat loss in the winter months by up to 30%" commented Doug Ritch of Titan. "By using 3M™ Sun Control films, we were able to achieve our building envelope energy targets and reuse many of the existing windows, which saved on new building materials. We were able to incorporate 3M film into our whole building design strategy, helping us achieve our LEED™ GOLD certification" commented Rowe. Not only have the windows generated a significant reduction in materials and cost, they have also provided benefits to individuals working within the facility. "The all season window films have drastically reduced the glare on monitor screens, which has in return allowed our industry to work efficiently within their office space," commented Greg Sikora, Senior Manager, Real Estate of VITP.

#### **RESULTS**

The addition of 3M<sup>™</sup> Sun Control Window Films upgraded the performance of the existing single pane windows to a level that no longer necessitated replacement windows. The result not only saved costs on virgin materials, but re-used existing building materials that would have otherwise been sent to landfills.

The Vancouver Island Technology Park achieved a pres-tigious GOLD certification under the U.S. Green Building Council's Leadership in Energy & Environmental Design (LEED™) Rating System, the first GOLD certified building outside of the United States. 3M films were part of the over- all building envelope strategy which contributed towards Energy and Atmosphere and Materials & Resources credits under the LEED™ Building Rating System.



#### PROJECT SUMMARY

3M Dealer: Titan Window Films, Victoria, British Columbia Architect: idealink architecture ltd (now part of Cannon Design)

Installation Date: August 2001

Type of Film: 3M™ Sun Control Window Film

Building Statistics: Owner: BC Building

CorporationSize: 171,750 gross square feet Glass Covered: Approximately 10,000 square ft

Occupancy: 981 Staff LEED Project #: 0113

Remedies Considered Prior to Window Film:

Low-E replacement window

#### THE 3M DIFFERENCE

While the performance attributes of the 3M film were the main selling points, Rowe says he was also impressed with the support that came from 3M's dealer: "3M provided excellent technical assistance. This project was a milestone of sustain-able development in Canada, and they wanted to be sure we had all of the information we needed," commented Rowe.

#### 3M™ Sun Control Window Films-Silver

3M<sup>TM</sup> Sun Control Window Films-Silver make light a welcome addition to your environment. Since 1966, 3M has been improving light with window films. As a leader in both adhesive and film technologies, 3M brings together these disciplines to create the finest products available. The quality of our window films is confirmed by the satisfaction of hundreds of thousands of users worldwide. 3M Window Films are designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99% of the sun's harmful ultraviolet rays, which are the single largest cause of fading.



These 3M<sup>TM</sup> Window Films offer high performance in terms of heat rejection. They have a silver color due to the metal coating and will not fade or change color over the product lifetime.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3m.com/windowfilm

**LEED® Claim:** Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

**Environmental/Energy Advantage:** Our films block up to 99% of the sun's damaging UV rays which are the single largest cause of fading and sun damage. Additional benefits include an elegant appearance, reduced glare and improved comfort. 3M Silver Sun Control Window Films reject up to 77% of the sun's heat that comes through the window. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many 3M<sup>TM</sup> Window Film products as effective UV protectants.

#### 3M<sup>™</sup> Sun Control Window Film-Prestige Series

3M<sup>TM</sup> Sun Control Window Film-Prestige Series are designed to help reduce the harmful effects of the sun, providing solutions for problems such as glare, faded furnishings, room comfort, and energy savings. All these benefits are combined into one product, with a warranty backed by one of the world's most respected companies.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3m.com/windowfilm

**LEED® Claim:** Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

**Environmental/Energy Advantage:** 3M Sun Control Window Film Prestige Series is designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99.9% of the sun's harmful ultraviolet rays, which are the single largest cause of fading. Additional benefits include an elegant appearance, reduced glare and improved comfort. 3M Sun Control Window Film Prestige Series rejects up to 59% of the sun's heat that comes through the window. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many 3M Window Film products as effective UV protectants.

#### 3M™ Sun Control Window Film-Amber 35 Low E

3M<sup>TM</sup> Sun Control Window Film-Amber 35 Low E makes light a welcome addition to your environment. Since 1966, 3M has been improving light with window films. As a leader in both adhesive and film technologies, 3M brings together these disciplines to create the finest products available. The quality of our window films is confirmed by the satisfaction of hundreds of thousands of users worldwide. 3M Window Films are designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99% of the sun's harmful ultraviolet rays, which are the single largest cause of fading.



This  $3M^{TM}$  Window Film offers substantial rejection benefits and glare control. It has an amber hue and moderate reflectivity.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3m.com/windowfilm

**LEED® Claim:** Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

**Environmental/Energy Advantage:** Our films block up to 99% of the sun's damaging UV rays which are the single largest cause of fading and sun damage. Additional benefits include an elegant appearance, reduced glare and improved comfort. 3M Amber Low E Sun Control Window Film rejects up to 75% of the sun's heat that comes through the window. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many 3M<sup>TM</sup> Window Film products as effective UV protectants.

#### 3M™ Sun Control Window Film-Night Vision

3M<sup>TM</sup> Sun Control Window Film-Night Vision makes light a welcome addition to your environment. Since 1966, 3M has been improving light with window films. As a leader in both adhesive and film technologies, 3M brings together these disciplines to create the finest products available. The quality of our window films is confirmed by the satisfaction of hundreds of thousands of users worldwide. 3M Window Films are designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99% of the sun's harmful ultraviolet rays, which are the single largest cause of fading.



This 3M<sup>TM</sup> Window Film offers a strong combination of attractive tones, low interior reflectivity,

desirable light transmission and high performance sun control features. The warm, natural hues invite warmth and beauty to any room. The Night Vision series, one of our most popular films, offers 3M technology that enhances color stability on the films.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3m.com/windowfilm

**LEED® Claim:** Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

**Environmental/Energy Advantage:** Our films block up to 99% of the sun's damaging UV rays which are the single largest cause of fading and sun damage. Additional benefits include an elegant appearance, reduced glare and improved comfort. 3M Night Vision Window Film rejects up to 75% of the sun's heat that comes through the window. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many 3M<sup>TM</sup> Window Film products as effective UV protectants.

#### 3M™ Safety & Security Window Film-Ultra Neutral S35

This 3M<sup>TM</sup> Safety & Security Window Film-Ultra Neutral S35 combines the sun control features of our RE35NEARL neutral film with the superior strength of 3M<sup>TM</sup> Ultra Safety and Security Film. The combination offers all the benefits of a security film with that of a sun control film. This film passes the 400 ft. lb. (538 Joule) impact level when tested in accordance with the Safety Glazing Standard CPSC 1201 Category II.



**LEED® Claim:** Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

Environmental/Energy Advantage: Helps increase personal safety from flying glass and deter smash and grab burglaries. Helps mitigate damage from windstorms, blasts and earthquakes. 3M Window Films are designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99% of the sun's harmful ultraviolet rays, which are the single largest cause of fading. Additional benefits include reduced glare and improved comfort. 3M Ultra Safety & Security Window Film S35NEAR400 rejects up to 56% of the sun's heat that comes through the window.



#### 3M™ Safety & Security Window Film-Ultra Neutral S50

 $3M^{TM}$  Safety & Security Window Film-Ultra Neutral S50 combines the sun control features of our RE50NEARL light neutral film with the superior strength of  $3M^{TM}$  Safety and Security Film. The combination offers all the benefits of a security film with that of a sun control film. This film passes the 400 ft. lb. (538 Joule) impact level when tested in accordance with the Safety Glazing Standard CPSC 1201 Category II.



**Toll Free Number:** 1-866-499-8857 **Website:** www.3m.com/windowfilm

**LEED® Claim:** Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

**Environmental/Energy Advantage:** Helps increase personal safety from flying glass and deter smash and grab burglaries. Helps mitigate damage from windstorms, blasts and earthquakes. 3M Window Films are designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99% of the sun's harmful ultraviolet rays, which are the single largest cause of fading. Additional benefits include reduced glare and improved comfort. 3M Ultra Safety & Security Window Film S50NEAR400 rejects up to 43% of the sun's heat that comes through the window.

#### 3M™ Safety & Security Window Film-Ultra NV S25

This 3M<sup>TM</sup> Safety & Security Window Film-Ultra NV S25 combines the sun control features of our Night Vision Film with the superior strength of 3M<sup>TM</sup> Ultra Safety and Security Film. The combination offers all the benefits of a security film with that of a sun control film. This film passes the 400 ft. lb. (538 Joule) impact level when tested in accordance with the Safety Glazing Standard CPSC 1201 Category II.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3m.com/windowfilm

**LEED® Claim:** Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum

Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

**Environmental/Energy Advantage:** Helps increase personal safety from flying glass and deter smash and grab burglaries. Helps mitigate damage from windstorms, blasts and earthquakes. 3M Window Films are designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99% of the sun's harmful ultraviolet rays, which are the single largest cause of fading. Additional benefits include reduced glare and improved comfort. 3M Ultra Safety & Security Window Film S25NVAR400 rejects up to 66% of the sun's heat that comes through the window.



#### 3M™ Safety & Security Window Film-Ultra Silver S20

3M<sup>TM</sup> Safety & Security Window Film-Ultra Silver S20 combines the sun control features of our P18 Silver Film with the superior strength of 3M<sup>TM</sup> Ultra Safety and Security Film. The combination offers all the benefits of a security film with that of a sun control film. This film passes the 400 ft. lb. (538 Joule) impact level when tested in accordance with the Safety Glazing Standard CPSC 1201 Category II.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3m.com/windowfilm

LEED® Claim: Use of this product helps contribue to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum

Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

**Environmental/Energy Advantage:** Helps increase personal safety from flying glass and deter smash and grab burglaries. Helps mitigate damage from windstorms, blasts and earthquakes. 3M Window Films are designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99% of the sun's harmful ultraviolet rays, which are the single largest cause of fading. Additional benefits include reduced glare and improved comfort. 3M Ultra Safety & Security Window Film S20SIAR400 rejects up to 77% of the sun's heat that comes through the window.



#### 3M™ Safety and Security Window Film Prestige Series - Ultra PR S50 - S70

3M<sup>TM</sup> Safety and Security Window Film Prestige Series are designed to help reduce the harmful effects of the sun, providing solutions for problems such as glare, faded furnishings, room comfort, and energy savings. All these benefits are combined into one product, with a warranty backed by one of the world's most respected companies.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3m.com/windowfilm

**LEED® Claim:** Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

**Environmental/Energy Advantage:** 3M Safety and Security Window Film Prestige Series-Ultra is designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99.9% of the sun's harmful ultraviolet rays, which are the single largest cause of fading. Additional benefits include an elegant appearance, reduced glare and improved comfort. 3M Sun Control Window Film Prestige Series-Ultra rejects up to 59% of the sun's heat that comes through the window. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many 3M Window Film products as effective UV protectants.

#### Architectural Finishes

#### 3M™ DI-NOC™ Architectural Finishes

The 3M<sup>TM</sup> DI-NOC<sup>TM</sup> Architectural Finishes include 600 patterns designed to offer unlimited creativity and architectural freedom. Now you can create a multitude of visual experiences with the added assurance of 3M's time-proven experience. 3M<sup>TM</sup> DI-NOC<sup>TM</sup> Architectural Finishes are self adhesive flexible laminate films which are ideal for resurfacing and refurbishing hard smooth surfaces, including flat panels, doors, furniture, retail units.

Easy and quick to use,  $3M^{TM}$  DI-NOC<sup>TM</sup> Architectural Finishes transform existing surfaces for amazing results. Additionally, its ability to mold around complex shapes means it can be used for curved and rounded profiles as well (See product bulletin).

**Toll Free Number:** 1-800-328-3908 **Website:** www.3Mgraphics.com

**LEED® Claim:** Use of this product helps contribute to LEED®2009 NC- MR Credit 1.1, 1.2 (Building Reuse), 3 (Materials Reuse); CS- MR Credit 1.1 (Building Reuse), 3 (Material Reuse); CI- Credit MR 1.2 (Building Reuse), 3.1, 3.2 Material Reuse); EB O&M- MR Credit 3 (Sustainable Purchasing).

Environmental/Energy Advantage: 3M<sup>TM</sup> DI-NOC<sup>TM</sup> Architectural Finishes can contribute to LEED<sup>TM</sup> Sustainability credits by reducing items sent to the landfill through the maintaining and reusing the existing stock of walls, doors and frames, built in case goods, furniture, etc. through its innovative architectural finishes. With its variety of textures and patterns, these substrates and more, can be refreshed to a totally new look and feel.



## **Commercial Cleaning**

#### 3M™ Glass Cleaner Concentrate 1L

Non-streaking cleaner for windows, glass and mirrors as well as stainless steel, chrome, aluminum, ceramic and plastic. Low flow for use in filling bottles. 2 liter concentrate bottle yields 30 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

**Environmental/Energy Advantage:** This product meets the requirements of Green Seal Standard 37 (GS-37). GS-37 is an environmental standard for industrial and institutional cleaner with specific requirements for effects on human health and the environment.





## 3M<sup>™</sup> Heavy Duty Multi-Surface Cleaner Concentrate 2L

Versatile cleaner removes most spots, stains and grease from washable surfaces. Use to remove marks from carpets, marble, aluminum, stainless steel and chrome. 2 liter concentrate bottle yields 7 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.ww.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning

Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup>

Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.



#### 3M™ Neutral Cleaner Concentrate 3H

No-rinse, low-foaming formula won't harm washable hard floors or leave soapy residue that can dull or soften floor finish. Use with mop or automatic scrubber. Fresh scent. 2 liter concentrate bottle yields 207 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED®** Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

**Environmental/Energy Advantage:** This product meets the requirements of Green Seal Standard 37 (GS-37). GS-37 is an environmental standard for industrial and institutional cleaner with specific requirements for effects on human health and the environment.





#### 3M™ Bathroom Disinfectant Cleaner Concentrate 4L

EPA-registered disinfectant cleaner removes soap scum and scale from bathroom surfaces. Low flow for use in filling bottles. 2 liter concentrate bottle yields 27 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.



#### 3M™ Quat Disinfectant Cleaner Concentrate 5H

EPA-registered disinfectant cleaner for use in hospitals. Kills HIV-1, MRSA, VRE, herpes simplex I and II and other pathogens. Rinse-free, pleasant fragrance. High flow for dispensing into buckets. 2 liter concentrate bottle yields 127 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.



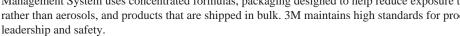
#### 3M<sup>™</sup> Speed Stripper Concentrate 6H

High-performance, 5-minute stripper. Removes sealers and floor finish buildup and finishes hardened by frequent burnishing. No unpleasant odor. High flow for dispensing into buckets. 2 liter concentrate bottle yields 8.2 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials. LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental





#### 3M<sup>™</sup> Food Service Degreaser Concentrate 7H

Removes food and oily soils from hard surfaces such as walls, floors, tables and vinyl. High flow for use in filling buckets. 2 liter concentrate bottle yields 123 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact Cleaning Policy. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.



## 3M™ General Purpose Cleaner Concentrate 8H

High-performance, all-purpose cleaner. First choice for your everyday cleaning needs. Use on floors, walls and other nonporous surfaces. High flow for use in filling buckets. 2 liter concentrate bottle yields 35 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact Cleaning Policy. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: This product meets the requirements of Green Seal Standard 37 (GS-

37). GS-37 is an environmental standard for industrial and institutional cleaner with specific requirements for effects on human health and the environment.



## **Environmental Preferable Solutions for Your Building**

There's a new awareness sweeping through business today. It's the recognition that many people want more than just products that do as they promise; people are actively looking for products and services that are friendlier toward the environment and that help conserve energy and resources. This isn't just "buying products"—this is a system approach involving a partnership between supplier and customer.

3M™ Commercial Care is committed to providing you with innovative, cost-effective cleaning solutions that help protect facilities and people, while creating clean, safe and comfortable environments throughout the world. 3M has developed the following tools to help you reach your building management objectives:



#### 3M Product Guidance for LEED® Certification

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ is a nationally accepted benchmark for the design, construction, and operation of high performance green buildings. 3M's product guidance for LEED® certification details how 3M products address specific LEED requirements throughout a building.

#### **3M's Environmentally Preferable Documentation Tool**

Executive Order 13101or "Greening the Government through Waste Prevention, Recycling and Federal Acquisition" promotes the integration of environmental considerations into federal procurement. 3M's Environmentally Preferable Documentation Tool assists customers with creating defined and measurable criteria for meeting their environmentally preferable requirements, through alignment with Executive Order 13101

#### 3M S.M.A.R.T. Training Program

A comprehensive training and support program, 3M S.M.A.R.T. covers Service, Maintenance, Analysis, Resources and Training.

# Creating clean, safe and comfortable environments

#### 3M S.M.A.R.T. QA Program

Quality Assurance programs can help you improve outcomes and increase efficiencies across your organization. The 3M S.M.A.R.T. QA Program helps you conduct inspections and gather precise data on key performances you need to measure.

#### **Green Seal Certified Chemicals**

3M Commercial Care offers a selection of Green Seal Certified chemicals to help you achieve your goals for using environmentally preferable solutions.

For more information on 3M environmentally preferable solutions, call 1-800-626-8578 or visit www.3M.com/commcare.

#### 3M™ Extraction Cleaner Concentrate 9H

Powerful, low-foaming cleaner. Use to clean colorfast carpet with portable extraction machines. Ready-to-use product with neutral pH is safe for cleaning nylon stain-resistant carpets. High flow for use in filling buckets. 2 liter concentrate bottle yields 194 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3m.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental

leadership and safety.



#### 3M™ Pretreatment Cleaner Concentrate 10H

Good cleaner for heavily soiled areas of colorfast carpet. Use as prespray prior to extraction or shampooing to loosen soils and stains. High flow for use in filling buckets. 2 liter concentrate bottle yields 81 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental

leadership and safety.



#### Scotchgard™ Bonnet Cleaner Concentrate 11L

Excellent cleaner for lightly-soiled carpets. Maintains anti-soiling and stain-resistant properties of carpets treated with Scotchgard<sup>TM</sup> Protector. Ready-to-use product with neutral pH is safe for cleaning nylon stain-resistant carpets. 2 liter concentrate bottle yields 26 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.



#### 3M™ Deodorizer Concentrate

Long-lasting deodorizer leaves a light, floral scent. Low flow for use in filling bottles. 2 liter concentrate bottle yields 36 ready-to-use gallons. (Country Day Scent Concentrate 12L, Fresh Scent Concentrate 13L, Mountain Spice Concentrate 14L).

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of

Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and

Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.



Daily-use, EPA-registered, disinfectant bathroom cleaner for bowls, urinals, and other hard surfaces including ceramic tile, plastic, stainless steel, fiberglass and marble. 2 liter concentrate bottle yields 61 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact Cleaning Policy. LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

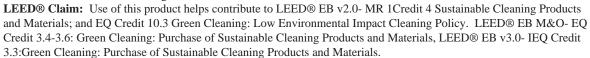
Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.



#### 3M™ Sanitizer Concentrate 16L

EPA-registered sanitizer for walls, floors and other hard, nonporous surfaces. For sanitizing food contact surfaces. 2 liter concentrate bottle yields 135 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building



Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.



#### 3M™ Phenolic Disinfectant Cleaner Concentrate 18H

EPA-registered, multipurpose, disinfectant detergent cleaner for use in hospitals. Disinfects, cleans and deodorizes in one labor-saving step. High flow for dispensing into buckets. 2 liter concentrate bottle yields 125 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3m.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.

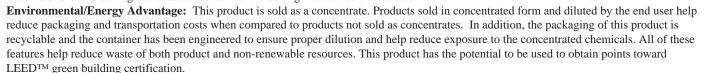


#### 3M™ Non-Acid Bathroom Cleaner Concentrate 19L

Daily-use bathroom cleaner for toilets, urinals and other hard surfaces. Excellent soap scum remover. Low flow for use in filling spray bottles. 2 liter concentrate bottle yields 26 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact Cleaning Policy. LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.





## 3M™ Heavy Duty Glass Cleaner Concentrate 20L

Non-streaking, heavy-duty cleaner for windows, glass, mirrors as well as stainless steel, chrome, aluminum, ceramic and plastic. Low flow for use in filling bottles. 2 liter concentrate bottle yields 12 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact Cleaning Policy. LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.



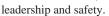
#### 3M<sup>™</sup> TroubleShooter<sup>™</sup> Finish Remover Concentrate 21L

Removes floor finish buildup from baseboards. Low-odor, fast-working, thick solution clings to vertical surfaces. Aggressively penetrates and loosens floor finish buildup. Does not contain butyl cellosolve. 2 liter concentrate bottle yields 2.8 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental





#### 3M™ Floor Stripper LO Concentrate 22H

Low-odor, low-foaming, 5-minute stripper for sealers, floor finish buildup and finishes hardened by frequent burnishing. High flow for use in filling buckets. 2 liter concentrate bottle yields 11 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3m.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact Cleaning Policy. LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: This product is sold as a concentrate. Products sold in concentrated form and diluted by the end user help reduce packaging and transportation costs when compared to products not sold as concentrates. In addition, the packaging of this product is recyclable and the container has been engineered to ensure proper dilution and help reduce exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources. This product has the potential to be used to obtain points toward LEED<sup>TM</sup> green building certification.



#### 3M™ Neutral Quat Disinfectant Cleaner Concentrate 23H

For use in hospitals. EPA-registered disinfectant cleaner kills HIV-1, MRSA, VRE, herpes simplex I and II, and other pathogens. Rinse-free, low foaming, neutral pH formula. High flow for use in filling buckets. 2 liter concentrate bottle yields 120 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.



#### 3M™ 3-in-1 Floor Cleaner Concentrate 24H

Versatile, low-foaming cleaner for use in automatic scrubbers or in mop-on applications. Formulated for scrubbing before recoating as well as cleaning before burnishing and daily cleaning. High flow for use in filling buckets. 2 liter concentrate bottle yields 137 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3m.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable

Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n

Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality,

performance, environmental leadership and safety.





Rinse-free, EPA-registered disinfectant for disinfecting and cleaning noncritical items. For use in hospitals. Kills hepatitis B virus (HBV), HIV, MRSA, VRE, herpes simplex I and II and other pathogens. 2 liter concentrate bottle yields 180 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental

leadership and safety.



## 3M™ Industrial Degreaser Concentrate 26H

Removes petroleum-based grease and oil, animal fats, food soils and heavy dirt buildup. Can be used in industrial plants, transportation and auto facilities, schools, hospitals and other facilities to clean a variety of surfaces. 2 liter concentrate bottle yields 74 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact Cleaning Policy. LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green

Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.



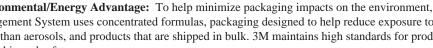
#### Scotchgard™ Extraction Cleaner Concentrate 27H

Powerful, low-foaming cleaner. Use to clean colorfast carpet with portable extraction machines. Ready-to-use product with neutral pH is safe for cleaning nylon stain-resistant carpets. High flow for use in filling buckets. 2 liter concentrate bottle yields 53 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.





#### Scotchgard™ Pretreatment Cleaner Concentrate 28H

Hard-working cleaner for heavily soiled areas of colorfast carpet. Use as a pre-spray prior to extraction or shampooing to loosen soils and stains. 2 liter concentrate bottle yields 24 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System uses concentrated formulas, packaging designed to help reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.

#### 3M™ Neutral Cleaner LO Concentrate 33H

Specially formulated for effective cleaning with minimal residue. Low odor. High flow for use in filling buckets. 2 liter concentrate bottle yields 207 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 Website: www.3m.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: This product meets the requirements of Green Seal Standard 37 (GS-37). GS-37 is an environmental standard for industrial and institutional cleaner with specific requirements for effects on human health and the environment.



#### 3M™ Bathroom Cleaner Concentrate 44L

Removes soap scum and scale from bathroom surfaces. Low flow for use in filling bottles. 2 liter concentrate bottle yields 27 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

**Environmental/Energy Advantage:** This product meets the requirements of Green Seal Standard 37 (GS-37). GS-37 is an environmental standard for industrial and institutional cleaner with specific requirements for effects on human health and the environment.





#### 3M™ Bathroom & Shower Cleaner Concentrate 51L

For daily cleaning of surfaces such as ceramic tile, stainless steel, fixtures, floors and more. Will not damage floor finishes or sealers. Can be used with foaming applicator. 2 liter concentrate bottle yields 12 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3m.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact Cleaning Policy. LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

**Environmental/Energy Advantage:** To minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> uses concentrated formulas, packaging designed to reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.



#### 3M™ Tile, Grout and Bowl Cleaner Concentrate 52L

For periodic cleaning. Clinging (thickened) formula reduces runoff for more effective cleaning. Will not remove floor finishes or sealers. 2 liter concentrate bottle yields 2.6 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact Cleaning Policy. LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

**Environmental/Energy Advantage:** To minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> uses concentrated formulas, packaging designed to reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products that are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety.



#### 3M™ Heavy Duty Aircraft Cleaner Concentrate 72L

High-performance, heavy-duty, multipurpose cleaner approved for cleaning interior and exterior aircraft surfaces. 2 liter concentrate bottle yields 4 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials. LEED® EB M&O- EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials.

Environmental/Energy Advantage: This product is sold as a concentrate. Products sold in concentrated form and diluted by the end user reduce packaging and transportation costs when compared to products not sold as concentrates. In addition, the packaging of this product is recyclable and the container has been engineered to ensure proper dilution and reduce exposure to the concentrated chemicals. All of these features reduce waste of both product and non-renewable resources. This product has the potential to be used to obtain points toward LEED<sup>TM</sup> green building certification.



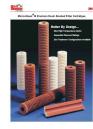
## **Facilities**

#### MicroKlean®

The exclusive Micro-Klean III manufacturing process produces a rigid, resin bonded, graded porosity structure that eliminates by-pass and the unloading characteristics of soft and easily deformable, filter cartridges such as spiral wound, melt-blown and string wound cartridges.

**LEED® Claim:** LEED® Claim: Use of this product may help comply with LEED® EB v3.0 - Prerequisite 1: Sustainable Purchasing Policy and help contribute to LEED® EB v3.0 MR Credit 1: Sustainable Purchasing – Ongoing Consumables or LEED® EB v3.0 - MR Credit 2: Sustainable Purchasing – Durable Goods.

**Environmental/Energy Advantage:** Micro-Klean filters with porosity between 1um and 75um are made from greater then 20% recycled material by weight.



## Floor Pads

#### 3M™ Floor Pads - Stripping

Floor pads are essential to the success of beautiful-looking floors. The nonwoven construction comes in a variety of sizes and shapes that are designed to be used on power floor cleaning equipment. To remove all finish, sealer and contaminants from the floor surface. Done at the start of a maintenance program and at times when scrubbing will not achieve the desired results. Equipment type: low to high speed machines (175-600 RPM).

**Toll Free Number:** 1-800-626-8578 **Website:** www.3m.com/building

**LEED® Claim:** Use of these products helps contribute to LEED® EB v2.0- MR Credit 5.1-5.3 Occupant Recycling, IUOM Credit 1.1 - 1.4 Innovations in Upgrades, LEED® EB O&M- MR Credit 5.1-5.3 Occupant Recycling, ID Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0- MR Credit 7: Solid Waste Management - Ongoing Consumables, ID Credit 1: Innovation in Operations.

Environmental/Energy Advantage: 3M<sup>TM</sup> Floor Pads are engineered for environmental sustainability and performance. 3M<sup>TM</sup> Floor Pads are:

- -Washable and reusable,
- -Increase soil removal up to 60%,
- -Remove black marks up to 6 times faster, and
- -Last up to 25 times longer.



#### Floor Pads

#### 3M™ Floor Pads - Scrubbing

For heavy duty scrubbing prior to recoating. Can also be used for heavy duty spray cleaning or foam scrubbing. Removes dirt, spills, and scuffs, leaving a clean surface ready for recoating.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3m.com/building

**LEED® Claim:** Use of these products helps contribute to LEED® EB v2.0- MR Credit 5.1-5.3 Occupant Recycling, IUOM Credit 1.1 - 1.4 Innovations in Upgrades, LEED® EB O&M- MR Credit 5.1-5.3 Occupant Recycling, ID Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0- MR Credit 7: Solid Waste Management -

Ongoing Consumables, ID Credit 1: Innovation in Operations.

Environmental/Energy Advantage: 3M<sup>TM</sup> Floor Pads are engineered for environmental sustainability and performance. 3M<sup>TM</sup> Floor Pads are:

- -Washable and reusable,
- -Increase soil removal up to 60%,
- -Remove black marks up to 6 times faster, and
- -Last up to 25 times longer.



#### 3M™ Floor Pads - Buffing & Cleaning

Floor pads are essential to the success of beautiful-looking floors. The nonwoven construction comes in a variety of sizes and shapes that are designed to be used on power floor cleaning equipment. Pads for removing light soil, scuffs and black heel marks while enhancing floor appearance. Equipment type: low to high speed machines (175-1500 RPM).

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of these products helps contribute to LEED® EB v2.0- MR Credit 5.1-5.3

Occupant Recycling, IUOM Credit 1.1 - 1.4 Innovations in Upgrades, LEED® EB O&M- MR Credit 5.1-5.3 Occupant Recycling, ID Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0- MR Credit 7: Solid Waste Management - Ongoing Consumables, ID Credit 1: Innovation in Operations.

**Environmental/Energy Advantage:** 3M<sup>TM</sup> Floor Pads are engineered for environmental sustainability and performance. 3M<sup>TM</sup> Floor Pads are:

- -Washable and reusable,
- -Increase soil removal up to 60%,
- -Remove black marks up to 6 times faster, and
- -Last up to 25 times longer.



#### 3M™ Floor Pads - Burnishing

Floor pads are essential to the success of beautiful-looking floors. The nonwoven construction comes in a variety of sizes and shapes that are designed to be used on power floor cleaning equipment. Repair finish and improve gloss and image clarity of floor surface. Equipment type: ultra high speed machines (1500 RPM and above).

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

LEED® Claim: Use of these products helps contribute to LEED® EB v2.0- MR Credit 5.1-5.3 Occupant

Recycling, IUOM Credit 1.1 - 1.4 Innovations in Upgrades, LEED® EB O&M- MR Credit 5.1-5.3 Occupant Recycling, ID Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0- MR Credit 7: Solid Waste Management - Ongoing Consumables, ID Credit 1: Innovation in Operations.

 $\textbf{Environmental/Energy Advantage:} \ 3M^{\text{TM}} \ Floor \ Pads \ are \ engineered \ for \ environmental \ sustainability \ and \ performance. \ 3M^{\text{TM}} \ Floor \ Pads \ are:$ 

- -Washable and reusable,
- -Increase soil removal up to 60%,
- -Remove black marks up to 6 times faster, and
- -Last up to 25 times longer.



#### Floor Pads

#### Scotch-Brite™ Purple Diamond Floor Pad Plus

Diamond coated floor pads for cleaning and polishing marble, terrazzo, slate, and polished concrete flooring. 5 per case.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of these products helps contribute to LEED® EB v2.0- MR Credit 5.1-5.3 Occupant Recycling, IUOM Credit 1.1 - 1.4 Innovations in Upgrades, LEED® EB O&M- MR Credit 5.1-5.3 Occupant Recycling, ID Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0- MR Credit 7: Solid Waste Management - Ongoing

Consumables, ID Credit 1: Innovation in Operations.

**Environmental/Energy Advantage:** Scotch-Brite <sup>TM</sup> Diamond Floor Pad System allows the maintenance and polishing of stone, marble and terazzo flooring without the use of floor finishes and strippers, helping to eliminate the slue of floor finish and floor stripping chemicals in a stone floor maintenance program.



#### Scotch-Brite™ Surface Prep Pads

Scotch-Brite<sup>TM</sup> Surface Prep Pads for heavy-duty scrubbing of most floor surfaces prior to recoating using plain water or neutral cleaner.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3m.com/building

**LEED® Claim::** Use of these products helps contribute to LEED® EB v2.0 - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB v2.0 IUOM Credit 1.1 - 1.4 Innovations in Upgrades, Operations and Maitenance, LEED® EB O&M - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB O&M - Innovation Credit 1.1- 1.4:

Innovation in Operations, LEED® EB v3.0 - MR Credit 7: Solid Waste Management - Ongoing Consumables, LEED® EB v3.0 - IO Credit 1: Innovation in Operations

Environmental/Energy Advantage: Scotch-Brite<sup>TM</sup> Surface Prep Pads are engineered to reduce the need for chemical strippers and labor hours assiciated when preparing a floor surface ready for refinishing. Scotch-Brite<sup>TM</sup> Surface Prep Pads require only neutral cleaner or water to effectively remove floor finish, preparing the floor for finish application.

#### Office Products: Durable Goods

#### Post-it® Desk Drawer Organizer C71

Convenience reaches a new level with this clutter-reducing organizer. It dispenses Post-it® Notes, Post-it® Flags and Scotch® Tape, keeping office essentials within easy reach. Keeps the things you use daily conveniently stored away in a drawer where you can easily find them. Expands to fit most drawers.

Website: http://www.3m.com/myworkspace

**LEED® Claim:** Use of this product helps contribute to LEED® Green Building Certification EB O&M Credit 2.2 Sustainable Purchasing: Durable Goods because Post-it® Desk Drawer Organizer C71 contains a minimum of 20% preconsumer recycled content, exceeding the recycled content required in Credit 2.2.

**Environmental/Energy Advantage:** This product contains 100% preconsumer recycled content.



#### 3M<sup>™</sup> Adjustable Keyboard Trays

3M<sup>TM</sup> Adjustable Keyboard trays come in a wide variety of designs and features to suit your working style as well as your workspace.

Website: http://www.3m.com/myworkspace

**LEED®** Claim: Use of this product helps contribute to LEED® Green Building Certification EB O&M Credit 2.2 Sustainable Purchasing: Durable Goods because 3M<sup>TM</sup>Adjustable Keyboard Trays contain a minimum of 20% preconsumer recycled content, exceeding the recycled content required in Credit 2.2.

**Environmental/Energy Advantage:** This product line is made from 25% or 70% preconsumer recycled content by volume.



### Office Products: Durable Goods

#### 3M™ Gel Wrist Rests

3M<sup>TM</sup> Gel Wrist Rests with black leatherette coverings (LE) feature antimicrobial product protection which inhibits the growth of microorganisms, such as bacteria, on the product surface that can cause stains, odors and product degradation.

Website: http://www.3m.com/myworkspace

**LEED® Claim:** Use of this product helps contribute to LEED Green Building Certification EB O&M Credit 2.2 Sustainable Purchasing: Durable Goods because 3M<sup>TM</sup> Gel Wrist Rests with black leatherette coverings (LE) contain a minimum of 20% preconsumer recycled content.

**Environmental/Energy Advantage:** 3M<sup>TM</sup> Gel Wrist Rests with black leatherette coverings (LE) are manufactured using 25% preconsumer recycled material by weight. All 3M<sup>TM</sup> Gel Wrist Rests have recyclable packaging for less environmental impact.



#### Filtrete™ Ultra Quiet Room Air Purifier

The Filtrete<sup>TM</sup> Ultra Quiet Room Air Purifier cleans room sizes up to 10'x10', ideal for a small bedroom or home office. The Filter is 96% effective at capturing large allergens like pollen, mold spores and dust mite debris.

**Toll Free Number:** 1-800-388-3458

Website: www.filtrete.com

**LEED® Claim:** This product meets the criteria for Sustainable Purchasing - Durable Goods in the United States Green Building Council's LEED® for Existing Buildings: Operations and Maintenance, Materials & Resources ("MR") Credit 2. The equipment is ENERGY STAR® qualified.

**Environmental/Energy Advantage:** This product meets the requirements for the ENERGY STAR® room air cleaner guidelines.



#### 3M<sup>™</sup> Document Holder DH640

Position the DH640 in-line between your monitor and keyboard to help increase your comfort while you work.

Website: http://www.3m.com/myworkspace

**LEED® Claim:** Use of this product helps contribute to LEED® Green Building Certification EB O&M Credit 2.2 Sustainable Purchasing: Durable Goods because 3M<sup>TM</sup> Document Holder DH640 contains a minimum of 20% preconsumer recycled content, exceeding the recycled content required in Credit 2.2.

**Environmental/Energy Advantage:** This product is made in the U.S.A. with 40% preconsumer recycled materials by volume.



### Post-it® Rotary Organizer C91

Convenience reaches a new level with this clutter-reducing organizer. It dispenses Post-it® Notes, Post-it® Flags and Scotch® Tape, keeping office essentials within easy reach.

Website: http://www.3m.com/myworkspace

**LEED® Claim:** Use of this product helps contribute to LEED® Green Building Certification EB O&M Credit 2.2 Sustainable Purchasing: Durable Goods because Post-it® Rotary Organizer C91 contains a minimum of 20% preconsumer recycled content, exceeding the recycled content required in Credit 2.2.

Environmental/Energy Advantage: This product contains 100% preconsumer recycled content.



### Office Products: Ongoing Consumables

### Post-it® Recycled Notes in Cabinet Packs

These 3 in x 3 in 100% recycled Post-it® Notes are conveniently stored in a 100% recycled carton. Made from recycled paper in Canary Yellow and Assorted Pastel Colors.

Website: http://www.Post-it.com

**LEED® Claim:** Use of this product helps contribute to LEED® Green Building Certification EB O&M MR Credit 1.1 -1.3 Sustainable Purchasing: Ongoing Consumables because Post-it® Recycled Notes in Cabinet Packs contain a minimum of 30% postconsumer recycled content.

**Environmental/Energy Advantage:** This product is made with 100% recycled paper and contains a minimum of 30% postconsumer recycled content. All Post-it® Notes are recyclable.



### Post-it® 100% Recycled Notes - Canary Yellow

These Post-it® Notes are perfect for capturing messages, telephone numbers and to-do items. Made from recycled paper in Canary Yellow.

Website: http://www.Post-it.com

**LEED® Claim:** Use of this product helps contribute to LEED® Green Building Certification EB O&M MR Credit 1.1 -1.3 Sustainable Purchasing: Ongoing Consumables because Post-it® 100% Recycled Notes - Canary Yellow - contain a minimum of 30% postconsumer recycled content.

**Environmental/Energy Advantage:** This product is made with 100% recycled paper and contains a minimum of 30% postconsumer recycled content. All Post-it® Notes are recyclable.



### Post-it® Super Sticky Recycled Notes - Nature's Hues Colors

Post-it® Super Sticky Notes stick practically anywhere! Revolutionary adhesive technology ensures your notes will stick securely to more surfaces. Now you can stick your notes where they will really get noticed...like monitors, doors and walls! Made from recycled paper in Nature's Hues Colors.

Website: http://www.Post-it.com

**LEED® Claim:** Use of this product helps contribute to LEED® Green Building Certification EB O&M MR Credit 1.1 -1.3 Sustainable Purchasing: Ongoing Consumables because Post-it® Super Sticky Recycled Notes - Nature's Hues Colors - contain a minimum of 30% postconsumer recycled content.

Environmental/Energy Advantage: This product is made with a minimum of 30% postconsumer recycled content. All Post-it® Notes are recyclable.



#### Post-it® Super Sticky Recycled Notes - Tropical Colors

Post-it® Super Sticky Notes stick practically anywhere! Revolutionary adhesive technology ensures your notes will stick securely to more surfaces. Now you can stick your notes where they will really get noticed...like monitors, doors and walls! Made from recycled paper in Tropical Colors.

Website: http://www.Post-it.com

**LEED® Claim:** Use of this product helps contribute to LEED® Green Building Certification EB O&M MR Credit 1.1 -1.3 Sustainable Purchasing: Ongoing Consumables because Post-it® Recycled Notes - Tropical Colors - contain a minimum of 30% postconsumer recycled content.

Environmental/Energy Advantage: This product is made with a minimum of 30% postconsumer recycled content. All Post-it® Notes are recyclable.



### Office Products: Ongoing Consumables

### 3M™ Post-it® Recycled Easel Pad

Perfect for brainstorming, problem solving and presentations. Bleed-through resistant sheets pull off easily, stick securely to most wall surfaces and remove clearly.

Website: http://www.Post-it.com

**LEED®** Claim: Use of this product helps contribute to LEED® Green Building Certification EB O&M MR Credit 1.1-1.3 Sustainable Purchasing: Ongoing Consumables because the 3M<sup>™</sup> Post-it® Note Easel Pad contains a minimum of 30% postconsumer recycled content.

Environmental/Energy Advantage: This product is made with a minimum of 30% postconsumer recycled content. This product is recyclable, as are all Post-it® Notes.



### Scotch® Masking Tape #2050

3M<sup>TM</sup> General Purpose Masking Tape delivers high instant adhesion and good holding power. It conforms well to most surfaces and provides good paint lines. Use for general purpose masking projects where surfaces are not easily damaged.

**LEED® Claim:** Use of this product helps contribute to LEED® EB O&M MR Credit 1: Sustainable Purchasing - Ongoing Consumables, as Scotch® Masking Tape #2050 contains >10% postconsumer waste.

**Environmental/Energy Advantage:** This product contains 30% recycled fiber into the tape backing. Tape core contains >90% recycled fiber and is recyclable. Tape is made with a solvent-less adhesive coating process.



### **Security Solutions**

### 3M™ Detection System Select Series with Designer Solid Panels

Now your security system can make a statement and blend seamlessly with your library's decor. With best in class detection performance and a choice of over 30 material and color combinations, the new Detection System Select Series will help you reduce collection loss without compromising style. Available in multiple styles including: Eclipse, Courier, Linea, Ting Ting, Fern, and Bulbe.

**Toll Free Number:** 1-800-328-0067 **Website:** www.3m.com/library

LEED® Claim: Use of this product helps contribute to LEED® NC v2.2- MR Credit 4.1 Recycled Content; EB v2.0-

MR Credit 2.1 Optimized Use of Alternative Materials; and EB O&M- MR Credit 2.2: Sustainable Purchasing - Durable Goods, Furniture. **Environmental/Energy Advantage:** The panels in this product are made of ecoresin<sup>TM</sup>, a PETG co-polyester resin with 40% post-industrial recycled content that is GREENGUARD Indoor Air Quality Certified®.



### 3M™ Detection System Select Series with Designer Open Panels

Now your security system can make a statement and blend seamlessly with your library's decor. With best in class detection performance and a choice of over 30 material and color combinations, the new Detection System Select Series will help you reduce collection loss without compromising style. Available in multiple styles including: Eclipse, Courier, Linea, Ting Ting, Fern, and Bulbe.

**Toll Free Number:** 1-800-328-0067 **Website:** www.3m.com/library

LEED® Claim: Use of this product helps contribute to LEED® NC v2.2 MR Credit 4.1 Recycled Content; EB v2.0

MR Credit 2.1 Optimized Use of Alternative Materials; and EB O&M MR Credit 2.2: Sustainable Purchasing - Durable Goods, Furniture. **Environmental/Energy Advantage:** The panels in this product are made of ecoresin™, a PETG co-polyester resin with 40% post-industrial recycled content that is GREENGUARD Indoor Air Quality Certified®.



### Indoor Environmental Quality

### Adhesives & Sealants

#### 3M™ Fastbond™ Contact Adhesive 2000NF

Water-dispersed, high solids activated adhesive provides immediate bonding capabilities and handling strength without forced drying equipment. Post-formable and heat resistant. Available in various colors.

**Toll Free Number:** 1-800-362-3550 **Website:** www.mmm.com/greenadhesives

**LEED® Claim:** Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and

Credit.

Environmental/Energy Advantage: This product is GREENGUARD Indoor Air Quality Certified®.



#### 3M™ Fastbond™ Contact Adhesive 30H

Water dispersed, sprayable contact adhesive with high immediate bond strength and a long bonding range. Non-flammable in the wet state, post formable and heat resistant. Thickened version of Fastbond 30-NF. Bonds most foamed plastics, plastic laminate, wood plywood veneer, and canvas to themselves and to each other.

**Toll Free Number:** 1-800-362-3550 **Website:** www.mmm.com/greenadhesives

LEED® Claim: Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0-

EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and Credit.

Environmental/Energy Advantage: This product is GREENGUARD Indoor Air Quality Certified®.



### 3M™ Fastbond™ Contact Adhesive 30NF

Water-dispersed high-strength contact adhesive. Has high coverage, a long bonding range, and good heat resistance. Use to bond foamed plastics, plastic laminate, wood, plywood and wood veneer. Non-flammable in the wet state. Available in green and clear (dry).

**Toll Free Number:** 1-800-362-3550 **Website:** www.mmm.com/greenadhesives

**LEED® Claim:** Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and Credit.

and Credit.

Environmental/Energy Advantage: This product is GREENGUARD Indoor Air Quality Certified®.



### 3M™ Fastbond™ Foam Adhesive 100NF

A one-part, water-dispersed, fast setting adhesive that adheres to many types of flexible polyurethane foam, latex foam, fabric, polyester fiberfill, wood, plywood, particleboard and many plastic and metal surfaces. Available in lavender and neutral.

**Toll Free Number:** 1-800-362-3550 **Website:** www.mmm.com/greenadhesives

LEED® Claim: Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0-

EQ Credit 4.1 (Option A), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials.

Environmental/Energy Advantage: This product is GREENGUARD Indoor Air Quality Certified®.



### 3M Adhesives Minimize Solvent Use While Maximizing Performance

3M customer Carolina Cabinet Co. of Wilson, NC, is a store fixture and display builder that is committed to making the highest quality products while reducing environmental impact. E.B. Bradley Co., a California distributor to the woodworking industry, is building a brand around environmentally responsible products in a market with the nation's toughest air quality standards. Each is committed to reduce or eliminate solvent use while meeting stringent quality requirements.

Both companies found the solutions they needed with GREEN-GUARD® certified industrial adhesives from 3M.



**3M's GREENGUARD® Certified Adhesives Help Woodworker, Distributor Offer "No-Compromise" Solutions** 

Case #1: A Carolina Cabinet customer needed low-VOC store fixtures to pursue LEED® rated projects. While this aligned well with Carolina Cabinet's environmental initiative, the builder's brand also promises very high standards of quality, and the company needed an adhesive that offered an acceptable environmental profile without compromising performance.

Demonstrating that environmental acceptability and high strength bonds can co-exist, 3M™ Fastbond™ Contact Adhesive offered Carolina Cabinet a GREENGUARD certified water-based adhesive with the high performance of a solvent-based alternative. "3M's water-based adhesives provide excellent performance as well as higher coverage than their solvent-based counterparts," said Gary Aycock, production manager at Carolina Cabinet.

The 3M product, certified according to GREENGUARD Children & Schools™ standard, helped Carolina Cabinet's customer meet the low-emission targets demanded by the LEED rated project. And, as an added benefit, 3M's water-based adhesive helped Carolina Cabinet to cut \$11,000 from its annual insurance bill by helping to reduce flamma-bility and health risks associated with some solvent-based adhesives.

Case #2: Distributor E.B. Bradley Co. has a reputation for providing environmentally acceptable products to a market that has set the standard with its South Coast Air Quality Management District. Because E.B. Bradley Co. gets calls every day regarding green products and LEED® rated projects, it needed a portfolio of industrial adhesives that furthered its green initiatives.

Six 3M industrial adhesives have been certified to the GREENGUARD Children & Schools requirements. This means air emissions from these adhesives meet the most stringent indoor air quality standards set by the GREEN-GUARD Environmental Institute. The 3M products aligned well with the E.B. Bradley Co. brand. "We have taken a very active stand against the use of harmful chemicals, and we've partnered with 3M because 3M has the innovation, credibility and initiative to produce responsible products," said E.B. Bradley Co. president Robert Bradley.

Also, five of the six certified adhesives have water-based characteristics that match the high performance of their solvent-based counterparts needed in applications such as countertop lamination, foam or insulation bonding, and even carpet installation. "We've learned that by using 3M products, there is no need to compromise performance to meet our green initiatives," said Bradley.

3M pioneered the development of water-based adhesives more than 45 years ago and the company continues to develop industry-leading products with enhanced environmental performance.

### Adhesives & Sealants

#### 3M™ Fastbond™ Insulation Adhesive 49

A water-based, high solids, fast tacking, pressure sensitive adhesive for bonding lightweight materials, including fiberglass insulation, felt, shoddy, paper and other materials. Clear in color.

**Toll Free Number:** 1-800-362-3550 **Website:** www.mmm.com/greenadhesives

LEED® Claim: Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0-

EQ Credit 4.1 (Option A), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials.

Environmental/Energy Advantage: This product is GREENGUARD Indoor Air Quality Certified®.



### 3M™ Fastbond™ Pressure Sensitive Adhesive 4224NF

Water-dispersed, thick liquid, pressure sensitive adhesive for bonding lightweight materials like fabric, foam, and paper to themselves and other surfaces. Initial tack and plasticizer resistance. Available in blue and clear.

**Toll Free Number:** 1-800-362-3550 **Website:** www.mmm.com/greenadhesives

LEED® Claim: Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0-

EQ Credit 4.1 (Option A), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials.

Environmental/Energy Advantage: This product is GREENGUARD Indoor Air Quality Certified®.



### 3M™ Scotch-Weld™ Hi-Strength Postforming 94 CA

A high performance, postformable industrial grade spray adhesive. This bulk adhesive is prepackaged in convenient, portable, no maintenance aerosol cylinders. It features a fast tacking adhesive designed for high pressure laminations, particularly decorative laminate to particle board. It can also be used for veneers, fiberglass, headliners, foams, fabrics, glass, mirrors, cork, tile, rubber and steel. This adhesive is a SCAQMD Rule 1168 Compliant Adhesive. It contains very low VOC's, is postformable, and features a low telegraphing spray pattern.

**Toll Free Number:** 1-800-362-3550 **Website:** www.mmm.com/greenadhesives

**LEED®** Claim: Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and Credit.

Environmental/Energy Advantage: This product is GREENGUARD Indoor Air Quality Certified®.



### 3M™ Super 77™ Multipurpose Adhesive

This multipurpose adhesive spray bonds many foils, plastics, papers, metals, and cardboard. It also has fast, aggressive tack and long-bonding range.

Website: http://www.3MSuper77.com

**LEED®** Claim: This product meets the criteria for aerosol adhesives in the United States Green Building Council's LEED® NC, Green Building Rating System for the New construction and Major Renovations, Version 2.2. Environmental Quality ("EQ") Credit 4.1. Volatile Organic Carbons (less exempt solvents) are less then 52% by weight and this product meets the other product specific health and environmental requirements for aerosol adhesives listed in EQ Credit 4.1. This product is not manufactured with urea-formaldehyde resins or polymers.



### Adhesives & Sealants

### 3M™ High Gel Re-enterable Encapsulant 8882

3M<sup>TM</sup> High Gel Re-enterable Encapsulant 8882 is a two part, nonurethane encapsulating compound. The encapsulant, aggressively adheres to filled cable and is compatible with, common plastics used in telephone splice connectors. The encapsulant permits easy cable splice re-entry for future, changes and maintenance.

Website: www.3M.com/Telecom

LEED® Claim: LEED® NC-EQ Credit 4.1: Low Emitting Materials: Adhesives,& Sealants.

**Environmental/Energy Advantage:** 3M™ High Gel Re-enterable Encapsulant 8882 is a two-part

nonurethane encapsulating compound. Unlike other encapsulants, High Gel is not formulated with potentially allergenic isocyanates which are powerful irritants to the mucous membranes of the eyes and gastrointestinal and respiratory tracts. Direct skin contact can also cause marked inflammation. Isocyanates can also sensitize workers, making them subject to severe asthma attacks if they are exposed again. Death from severe asthma in some sensitized subjects has been reported. Preventing exposure to isocyanates as we have with 3M High Gel Re-enterable Encapsulant 8882 is a critical step in eliminating this health hazard in encapsulants.



### Filtrete™ Commercial High Performance HVAC Filters

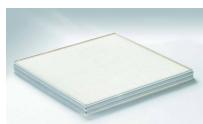
Filtrete<sup>TM</sup> Commercial High Performance HVAC Filters (MERV 14) combine excellent filtration performance with low airflow resistance and long filter life. Additional characteristics include integral seals, lightweight rigid frame, 100% synthetic media.

**Toll Free Number:** 1-800-648-3550

Website: www.filtrete.com/commercialbuilding

**LEED® Claim:** Use of this product helps comply with LEED® NC v2.2, EB v2.0-EA Prerequisite 2: Minimum Energy Performance; and helps contribute to LEED® NC v2.2- EA Credit 1: Optimize Energy Performance, and LEED® NC v2.2-EQ Credit 5: Indoor Chemical & Pollutant Source Control.

**Environmental/Energy Advantage:** Low pressure drop may help reduce fan energy consumption. High particle capture efficiency may help to improve indoor environmental quality and system cleanliness. Long filter life (2-4 times that of a standard pleated panel filter) provides less waste on an annual basis. Small package size reduces handling, disposal volume, storage space and shipping cost.



### Filtrete™ Commercial High Performance HVAC Utility Filters

Filtrete<sup>TM</sup> Commercial High Performance HVAC Utility Filters (MERV 14) combine excellent filtration performance with low airflow resistance and long filter life in a cost effective construction.

**Toll Free Number:** 1-800-648-3550

Website: www.filtrete.com/commercialbuilding

**LEED® Claim:** Use of this product helps comply with LEED® NC v2.2, EB v2.0-EA Prerequisite 2: Minimum Energy Performance; and helps contribute to LEED® NC v2.2- EA Credit 1: Optimize Energy Performance, and LEED® NC v2.2-EQ Credit 5: Indoor Chemical & Pollutant Source Control.

**Environmental/Energy Advantage:** Low pressure drop may help reduce fan energy consumption. High particle capture efficiency may help to improve indoor environmental quality and system cleanliness. Long filter life (2-4 times that of a standard pleated panel filter) provides less waste on an annual basis. Small package size reduces handling, disposal volume, storage space and shipping cost.



# Filtrete<sup>™</sup> Commercial Mid Performance Filter Outperforms Competition in Test at National Home Improvement Center

### Background

3M conducted a field study with a major home improvement center chain to compare the new Filtrete™ Commercial Mid Performance HVAC filter to a competitive 2" MERV 7 product being used at the chain's facilities throughout the U.S.

A representative store in Indianapolis, Indiana, was identified by the client. Two identical rooftop units (RTU) serving very similar interior thermal zones of constant volume operation were selected for this test. The cooling and heating properties of these building zones were chosen to be representative of normal building operations. Other interior RTUs and interior zones were also believed to be quite similar in operation. RTUs serving the exterior zones of the building would be expected to require more air volume and greater cooling loads due to increased energy loss through the building walls.

One of the selected RTUs was equipped with the new Filtrete filters and the other with filters from another supplier. The rooftop units were both Trane™Model -TCD-241C400BA (20 ton high efficiency) and were both equipped with 20" × 20" × 2" and 20" × 25" × 2" filters (4 of each). The supply air fan volumes were both set at equal levels after the filter installations.

#### Performance Data and Test Methods

The filters were installed in May 2005. At that time, baseline measurements were taken of the air flow rate and filter pressure drops. RTU fan and total amperage, and air and zone temperatures were then monitored on an ongoing basis via the Building Management System.

In September 2005, the filters had been in place for over 2,900 hours, or approximately one-third of a year. The monitored information confirmed that the two RTUs were equivalent as anticipated at the beginning of the trial. For the next five months, the amperages and temperatures were carefully documented to allow a quantitative comparison of the energy utilization of each unit.

In February 2006—after over 6,500 hours, or approximately nine months, of normal operation—the competitive filters exhibited high bowing at a pressure drop of 0.88 inches of water. At this same point the Filtrete filters had only reached a pressure drop of 0.40 inches of water. The comparative study was concluded at that time because the competitive filters needed to be replaced due to the noted bowing. The Filtrete Commercial HVAC filters continued in service, because their pressure drop was well below the recommended final pressure.

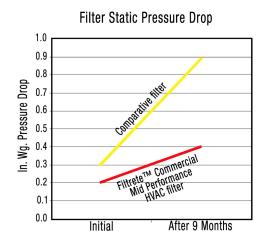


This assessment is only intended to provide a general indication as to possible fan energy savings that may be obtainable. 3M does not warrant that this assessment, or its products, will result in any specific energy savings at a facility. One customer's successful use of a product in a particular application is not necessarily representative and is not a quarantee of the results another customer may have in the same or similar application. Every customer is responsible for evaluating the 3M product to determine whether it is fit for a particular use and suitable for the customer's application

#### Conclusions

The Filtrete™ Commercial Mid Performance HVAC filters demonstrated an extremely low pressure drop increase over the course of this study (0.48 inches of water, less than that exhibited by the competitive filters).

Based on the monitored electrical consumption (just over the last 3,500 hours of the test) and on actual average electricity cost of \$0.10 per kilowatt hour, the RTU equipped with a Filtrete filter consumed approximately \$300 less in energy. Note that these resulting savings are only for one RTU (eight filters) over the five month period on which electrical consumption was monitored. This represented less than one-half of a year, operating in the cooler months, and less than one-eighth of the total building area.



#### **Project Summary**

Objective:	Compare Filtrete™ Commercial Mid Performance Filter to Competitive Filter	
Total test period:	May 2005 – March 2006	
Measured RTU energy consumption:	September 2005 – February 2006	
Final filter pressure drop:	Competitive filter = 0.88 inches of water Filtrete filter = 0.40 inches of water	
Location:	Indianapolis, Indiana	
Building area:	90,000 square feet — Tested zone size: 10,000 square feet	
Projected total building cooling tonnage:	180	
Tested air handler type:	Matching roof top package units – 20 ton each	
Client Estimated Building Energy Savings:	ROI under 0.40 years	

#### Additional Information

For questions or to place an order in the U.S., contact your local 3M Filtration distributor or 3M Customer Service at 1-800-648-3550 or 651-737-2433

IMPORTANT NOTICE: The information in this literature is based on tests 3M believes are reliable. It is not and should not be relied on as a product or technical specification. We do not guarantee the accuracy of this information. If any products described in this literature are defective, 3M will replace them at no charge. THERE ARE NO OTHER EXPRESS OR IMPLIED WARRANTIES FOR THESE PRODUCTS, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. You are responsible for determining whether products described in this literature are fit for a particular purpose and suitable for your application.

Because there are many factors within your knowledge and control that might affect the use and performance of these products, you must evaluate these products to determine whether they are fit for a particular purpose, are suitable for your application, and meet your performance expectations. 3M IS NOT LIABLE FOR ANY LOSS OR DAMAGES, WHETHER DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL ARISING OUT OF THE USE OF OR INABILITY TO USE ANY OF THESE PRODUCTS.

CAUTION: USED FILTERS MAY CONTAIN CONTAMINANTS FROM OPERATION OF THE HVAC SYSTEM. FOR PROPER HANDLING OF USED FILTERS, CONSULT APPLICABLE HEALTH AND SAFETY STANDARDS OR CONTACT AN INDUSTRIAL HYGIENIST. TO REDUCE RISK OF ILLNESS OR INJURY, ALWAYS USE APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING WHEN REMOVING OR HANDLING USED FILTERS. DISPOSE OF USED FILTERS ONLY IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

IMPORTANT USE RESTRICTIONS: DO NOT EXPOSE THIS FILTER DIRECTLY TO UV RADIATION FROM A UV PURIFICATION SYSTEM. EXCESSIVE UV EXPOSURE MAY LEAD TO A REDUCTION IN THE MECHANICAL INTEGRITY AND PERFORMANCE OF THE FILTER. THIS FILTER MUST NOT BE USED FOR THE FOLLOWING UNAUTHORIZED USES: A) ASBESTOS REMEDIATION; B) BIOTERRORISM PROTECTION; C) LEAD REMEDIATION; OR D) APPLICATIONS IN BUILDINGS THAT REQUIRE OR ARE UNDERGOING AIR HANDLING SYSTEM REMEDIATION OF HAZARDOUS SUBSTANCES.

### Air Quality

### Filtrete™ Commercial Mid Performance HVAC Filters

Filtrete<sup>TM</sup> Commercial Mid Performance HVAC Filters (MERV 11) combine effective filtration performance with long filter life. Additional characteristics include integral seals, lightweight rigid frame, 100% synthetic media.

**Toll Free Number:** 1-800-648-3550

Website: www.filtrete.com/commercialbuilding

**LEED®** Claim: Use of this product helps comply with LEED® NC v2.2, EB v2.0-EA Prerequisite 2: Minimum Energy Performance; and helps contribute to LEED® NC v2.2-EA Credit 1: Optimize Energy Performance, and LEED® NC v2.2 - EQ Credit 5: Indoor Chemical & Pollutant Source Control.

**Environmental/Energy Advantage:** Low pressure drop may help reduce fan energy consumption. High particle capture efficiency may help to improve indoor environmental quality and system cleanliness. Long filter life (2-4 times that of a standard pleated panel filter) provides less waste on an annual basis. Small package size reduces handling, disposal volume, storage space and shipping cost.



### Filtrete™ Commercial Mid Performance HVAC Utility Filter

Filtrete<sup>TM</sup> Commercial Mid Performance HVAC Utility Filters (MERV 11) provide a cost effective filtration alternative with the performance you've come to expect from 3M.

**Toll Free Number:** 1-800-648-3550

Website: www.filtrete.com/commercialbuilding

**LEED® Claim:** Use of this product helps comply with LEED® NC v2.2, EB v2.0-EA Prerequisite 2: Minimum Energy Performance; and helps contribute to LEED® NC v2.2- EA Credit 1: Optimize Energy Performance, and LEED® NC v2.2 -EQ Credit 5: Indoor Chemical & Pollutant Source Control.

**Environmental/Energy Advantage:** Low pressure drop may help reduce fan energy consumption. High particle capture efficiency may help to improve indoor environmental quality and system cleanliness. Long filter life (2-4 times that of a standard pleated panel filter) provides less waste on an annual basis. Small package size reduces handling, disposal volume, storage space and shipping cost.



### Architectural Finishes

#### 3M™ Primer WP-2000

3M<sup>TM</sup> Primer WP-2000 is especially designed for use with 3M<sup>TM</sup> DI-NOC<sup>TM</sup> Architectural Finishes at areas of extreme bending or porous substrates. It provides long term adhesion for permanent installations without the odor of solvent based primers.

**Toll Free Number:** 1-800-328-3908 **Website:** www.3Mgraphics.com

LEED® Claim: Use of this product helps contribute to LEED® CI v2.0- EQ (Indoor Environmental Quality) Credit 4.2- Low emitting

materials.

**Environmental/Energy Advantage:** 3M<sup>TM</sup> Primer WP-2000 is specially designed for areas requiring low VOC's. WP-2000 is a water based primer for application in areas of added stress that require extra bonding strength. WP-2000 has a VOC limit of 62 g/L, below the VOC limit of 350 g/L for specialty primers.

### **Commercial Cleaning Chemicals**

# 3M<sup>™</sup> Twist 'n Fill<sup>™</sup> Cleaning Chemical Management System

The Twist 'n Fill<sup>TM</sup> cleaning chemical management system features a single dispenser that is designed to accurately dilute and dispense a wide range of cleaning solutions. You pick and choose only the chemicals you need for your cleaning tasks-and dispense them all through the same dispenser.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.3 Green Cleaning: Low Environmental Impact

Cleaning Policy.

Environmental/Energy Advantage: Diluted products formulations were optimized to be effective using cold water instead of hot water, which helps to prevent a possible scalding hazard and can help reduce energy use. The Twist 'n Fill<sup>TM</sup> system is an engineered, controlled system designed to help prevent direct contact with the concentrate. Twist 'n Fill<sup>TM</sup> system produces accurate ready-to-use products and offers material safety data sheets (MSDSs) and labels for both concentrates and ready-to use products, in both English and Spanish. To help minimize packaging impacts on the environment, Twist 'n Fill<sup>TM</sup> uses concentrated formulas, packaging designed to reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products are shipped in bulk. 3M maintains high standards for product quality, performance, environmental leadership and safety. 3M provides technical and application information for its products and, where appropriate, material safety data sheets with up-to-date safety, environmental, and health hazard information. We have expert, professional personnel on our staff, specialists in the areas of product composition, use, toxicology and environmental science who contribute to and manage the release of the information in these publications. As a result, 3M stands behind its products for performance, safety, minimizing environmental impact and general customer satisfaction when used according to directions.



A unique, compact, versatile chemical dispenser that dilutes chemical concentrates with water to create ready-to-use cleaning products.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.3 Green Cleaning: Low Environmental Impact Cleaning Policy. LEED® O&M- EQ Credit 3.1 Green Cleaning: High Performance Cleaning

Program, LEED® EB v3.0 -IEQ Credit 3.1: Green Cleaning-High Performance Cleaning Program.

Environmental/Energy Advantage: Diluted products formulations were optimized to be effective using cold water instead of hot water, which helps to prevent a possible scalding hazard and can help reduce energy use.



### Fire Protection

### 3M™ Fire Barrier Water Tight Sealant 1003 SL

A self-leveling silicone sealant ready-to-use, one component, silicone elastomer used to firestop openings and penetrations through floor slabs, walls and other fire-related building partition and assemblies.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1: Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).



### Fire Protection

### 3M™ Fire Barrier Water Tight Sealant 1000 NS

A non-slump silicone sealant ready-to-use, one component, silicone elastomer used to firestop openings and penetrations through floor slabs, walls and other fire-related building partition and assemblies.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1: Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).



### 3M™ Fire Barrier Water Tight Sealant 3000 WT

3M Fire Barrier Water Tight Sealant 3000 WT is a premium, ready-to-use, single component, neutral cure, non-slumping, intumescent silicone sealant. The sealant cures upon exposure to atmospheric humidity to form a flexible seal.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1: Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds per SCAQMD Rule

1168).



#### 3M™ Fire Barrier Silicone Sealant 2000 NS

This product is great for fire rated construction joints and may also be used for through penetrations. Accommodates vibration from normal building movement. Maximum pipe size of 24 inches (609 mm). Compression/extension recovery of + or - 31% of original joint width.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).



#### 3M™ Fire Barrier Silicone Sealant 2000+

A premium nonslump sealant bonds to most common construction materials to form a flexible seal. Superior Adhesion. Remains elastomeric and is weather resistant. This product is great for through penetrations and may also be used for fire rated construction joints.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).



#### 3M<sup>™</sup> Fire Barrier Silicone RTV Foam 2001

A two-part, liquid-silicone elastomer that foams in place when mixed. Firestops and seals large and complex penetrations. Cures in 1-5 minutes to form an elastomeric compression seal. No ampacity derating of cables when used properly.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1: Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds

per SCAQMD Rule 1168).



### Fire Protection

#### 3M™ Fire Barrier Sealant FD 150+

Acrylic Latex caulk used to firestop metal pipes and cables through concrete or gypsum and for use in dynamic headof-wall systems.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).



#### 3M<sup>™</sup> Fire Barrier Sealant CP 25WB+

Our premium, intumescent latex/water-based caulk. Water based - easy cleanup and routine disposal with no special handling. One-part system - no mixing or measuring required. Intumescent and endothermic.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).



#### 3M™ Fire Barrier Sealant IC 15WB+

Acrylic Latex caulk used to firestop metal pipes and cables through concrete or gypsum and for use in dynamic head-of-wall systems.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).



### 3M™ FireDam™ Spray 200

3M<sup>TM</sup> FireDam<sup>TM</sup> Spray 200 is a sprayable water-based material, that dries to form a tough, elastomeric coating. This material when used as part of an assembly will firestop building joints, perimeter joints(curtain wall), and through penetration seals.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** VOC content\* complies with the intent of LEED® NC-EQ Credit 4.2: Low Emitting Materials: Paints and Coatings (\*VOC content is calculated less water and exempt compounds per SCAQMD

Rule 1168).



### Floor Matting

### 3M™ Nomad™ Carpet Matting 5000

For placement inside entrances. Attractive cross-rib, dual-fiber design that scrapes dirt and removes water. Slip-resistant vinyl backing won't stain the floor and prevents dirt and moisture from falling through mat to the floor. Heather weave blended designer colors complement almost any decor. Attractive and affordable protection for your building entrances! Light to medium traffic—50,000 to 100,000 people per year.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.1 Green Cleaning: Entryway

systems. LEED® EB M&O- EQ Credit 3.8: Green Cleaning: Entryway Systems, LEED® EB v3.0- IEQ Credit 3.5: Green Cleaning: Indoor

Chemical and Pollutant Source Control.

Environmental/Energy Advantage:  $3M^{TM}$  Nomad<sup>TM</sup> Carpet Matting helps prevent damage to floor finishes requiring less maintenance and burnishing, which can translate to fewer burnishing or buffing chemicals being used in a facility and entering the environment.



### 3M™ Nomad™ Medium Traffic Scraper Matting 6050

Resilient vinyl loop construction traps, holds and hides dirt and sand, so the surface stays neat and clean. Foam backing reduces creeping and provides added foot comfort. Medium traffic—up to 400,000 people per year.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED®** Claim: Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.1 Green Cleaning: Entryway systems. LEED® EB M&O- EQ Credit 3.8: Green Cleaning: Entryway Systems, LEED® EB v3.0- IEQ Credit 3.5: Green Cleaning: Indoor Chemical and Pollutant Source Control.

**Environmental/Energy Advantage:** 3M<sup>TM</sup> Nomad<sup>TM</sup> Scraper Matting removes up to 72% more dirt and water than other traditional carpet matting helping to improve overall interior appearance, extending life of floor surfaces, reducing interior maintenance cost, and helps reduce costly slip and fall accidents, not only near the entrances, but within a building's interior as well.



### 3M™ Nomad™ Heavy Traffic Scraper Matting Unbacked 8100

Entrance coiled vinyl scraper matting designed for heavy-traffic applications. The construction allows dirt and moisture to flow through the matting so it is not retracked into the building. Grease- and oil-resistant. Integral edging is standard on 3' x 5' and 4' x 6.' Heavy traffic—up to 1,000,000 people per year.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.1 Green Cleaning: Entryway systems. LEED® EB M&O- EQ Credit 3.8: Green Cleaning: Entryway Systems, LEED® EB v3.0-IEQ Credit 3.5: Green Cleaning: Indoor Chemical and Pollutant Source Control.

**Environmental/Energy Advantage:** 3M<sup>TM</sup> Nomad<sup>TM</sup> Scraper Matting removes up to 72% more dirt and water than other traditional carpet matting improving overall interior appearance, extending life of floor surfaces, reducing interior maintenance cost, and helps reduce costly slip and fall accidents, not only near the entrances, but within a building's interior as well.



### Floor Matting

### 3M™ Nomad™ Heavy Traffic Scraper Matting Backed 8150

Entrance coiled vinyl scraper matting designed for heavy-traffic applications. The solid vinyl backing retains dirt and moisture. Grease- and oil-resistant. Integral edging on 4-sides is standard on 3' x 5' and 4' x 6.' Heavy traffic—up to 1,000,000 people per year.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.1 Green Cleaning: Entryway systems. LEED® EB M&O- EQ Credit 3.8: Green Cleaning: Entryway Systems, LEED® EB

v3.0- IEQ Credit 3.5: Green Cleaning: Indoor Chemical and Pollutant Source Control.

**Environmental/Energy Advantage:** 3M<sup>TM</sup> Nomad<sup>TM</sup> Scraper Matting removes up to 72% more dirt and water than other traditional carpet matting improving overall interior appearance, extending life of floor surfaces, reducing interior maintenance cost, and helps reduce costly slip and fall accidents, not only near the entrances, but within a building's interior as well.



### 3M™ Nomad™ Z-Web Extreme Traffic Scraper Matting 9100

Entrance vinyl scraper matting designed for heavy-traffic recessed well applications. The vinyl Z construction allows dirt and moisture to fall through, becoming trapped in the well. Extreme traffic—over 1,000,000 people per year.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.1 Green Cleaning: Entryway systems. LEED® EB M&O- EQ Credit 3.8: Green Cleaning: Entryway Systems, LEED® EB v3.0-

IEQ Credit 3.5: Green Cleaning: Indoor Chemical and Pollutant Source Control.

**Environmental/Energy Advantage:** 3M<sup>TM</sup> Nomad<sup>TM</sup> Scraper Matting removes up to 72% more dirt and water than other traditional carpet matting improving overall interior appearance, extending life of floor surfaces, reducing interior maintenance cost, and helps reduce costly slip and fall accidents, not only near the entrances, but within a building's interior as well.



### 3M™ Nomad™ Z-Web Medium Traffic Scraper Matting 6250

Entrance vinyl scraper matting designed for medium traffic applications. The vinyl Z construction allows dirt and moisture to flow through becoming trapped at the backing. Integral edging on 4-sides is standard on 3' x 5' and 4' x 6.' Medium traffic—up to 400,000 people per year.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED®** Claim: Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.1 Green Cleaning: Entryway systems. LEED® EB M&O- EQ Credit 3.8: Green Cleaning: Entryway Systems, LEED® EB v3.0- IEQ Credit 3.5: Green Cleaning: Indoor Chemical and Pollutant Source Control.

**Environmental/Energy Advantage:** 3M<sup>TM</sup> Nomad<sup>TM</sup> Scraper Matting removes up to 72% more dirt and water than other traditional carpet matting improving overall interior appearance, extending life of floor surfaces, reducing interior maintenance cost, and helps reduce costly slip and fall accidents, not only near the entrances, but within a building's interior as well.



### Large Format Graphics

### 3M™ Scotchcal™ Dusted & Frosted Crystal Film Series 5525SE

3M<sup>TM</sup> Scotchcal<sup>TM</sup> Dusted and Frosted Crystal special effect films allow the creation of distinctive designs and light effects on glass. They are affordable and provide an etched or sand blasted image. The films can be applied to glass, acrylic or polycarbonate. Available in Japan.

**Toll Free Number:** 1-800-328-3908 **Website:** www. 3mgraphics.com

**LEED® Claim:** Use of this product helps comply with LEED®2009 NC- EQ Credit 8.1 (Daylighting); CI- EQ Credit 8.1 (Daylighting); CS- EQ Credit 8.1 (Daylighting) as related to increasing the level of

daylight and dispersion.

**Environmental/Energy Advantage:** Through their use on exterior windows, they can reduce glare and assist in the increase of daylighting and decrease in lighting- saving energy.



### 3M™ Scotchcal™ ElectroCut™ Graphic Film Series 7725SE

3M<sup>TM</sup> Scotchcal<sup>TM</sup> Dusted and Frosted Crystal Films can be used for special effects. These special effect films allow the creation of distinctive designs and light effects on glass. These affordable films provide an etched or sand blasted appearance. The films can be applied to glass, acrylic or polycarbonate.

**Toll Free Number:** 1-800-328-3908 **Website:** www. 3mgraphics.com

**LEED® Claim:** Use of this product helps comply with LEED®2009 NC- EQ Credit 8.1 (Daylighting); CI- EQ

Credit 8.1 (Daylighting); CS- EQ Credit 8.1 (Daylighting).

Environmental/Energy Advantage: Used on exterior windows to reduce glare, natural daylight improves indoor aesthetics and may decrease

the need for additional artificial lighting and energy consumption.



### Other Industrial Tapes

### 3M™ All Weather Flashing Tape 8067

Self-adhesive barrier for use in the construction industry to seal window and door openings against moisture intrusion. Tape has a unique, aggressive acrylic adhesive and thin, patented backing. Provides a weather-resistant barrier around windows and doors. Tape will adhere when applied in extreme temperatures beyond the range of traditional asphaltic or butyl flashing tapes: as low as 0 degree F or as high as 120 degree F. Aggressive adhesive will adhere to most common building materials, even at both ends of the temperature range or when damp. And it will not stain or bleed. This tape resists punctures and will self-seal around nails and staples, but is thin enough to fit easily into corners or under siding. Split liner promotes easier installations by allowing partial removal. Tape is available in 4 inch, 6 inch and 9 inch wide rolls.



LEED® Claim: Helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ Credit 4.1 - Low Emitting Materials: Adhesives and Sealants.

### 3M™ Aluminum Foil Tape 425

Dead-soft aluminum foil tape with a pressure sensitive acrylic adhesive, excellent heat and light reflection to protect against high temperatures and U.V. degradation. The foil also serves as an excellent barrier against moisture, dust, flame, and certain chemicals as used in aircraft paint stripping masking. Acrylic adhesive supplies superior temperature, U.V. and solvent resistance. It provides excellent age life and is ideal for harsh, long-term outdoor environments.

Website: www.3M.com/industrialtapes

**LEED® Claim:** Helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ Credit 4.1 - Low Emitting Materials: Adhesives and Sealants.



### Other Industrial Tapes

### 3M™ Construction Seaming Tape 8087

Designed to seal seams on housewrap and insulated sheathing products. It can also be used to seam polyethylene vapor barrier products as well as to repair holes and tears in these building materials. Taping seams aids in reducing air infiltration, improving the effectiveness of insulation and reducing heating and cooling costs.

Website: www.3M.com/industrialtapes

**LEED®** Claim: Helps contribute to LEED® NC, CI, CS- EQ Credit 4.1 - Low Emitting Materials: Adhesives and Sealants.



### 3M<sup>™</sup> Double Coated Urethane Foam Tape 4016

1/16 in. Thick Open Cell Urethane Foam Flexible Carrier with High Shear, High Temperature Resistant Acrylic Adhesive. Use to Fill Gaps and Bond Irregular Surfaces. Distributes Stress Uniformly Over Bonded Area. Apply by Hand or with Dispenser.

Website: 3m.com/industrialtapes

**LEED® Claim:** Helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ Credit 4.1 - Low Emitting Materials:

Adhesives and Sealants.



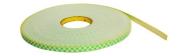
### 3M<sup>™</sup> Double Coated Urethane Foam Tape 4026

1/16 in. Thick, Open Cell Urethane Foam Flexible Carrier with High Shear, High Temperature Resistant Acrylic Adhesive. Use to Fill Gaps and Bond Irregular Surfaces. Distributes Stress Uniformly Over Bonded Area. Apply by Hand or with Dispenser.

Website: 3m.com/industrialtapes

LEED® Claim: Helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1 - Low

Emitting Materials: Adhesives and Sealants.



#### 3M™ Vent Tape 394

Unique non-woven porous backing that has high air/gas permeability, good burst strength and solids barrier for minimal voids and less clean up. Used in a variety of industrial applications including sealing, holding, reinforcing, identifying, masking, protection and splicing.

Website: www.3M.com/industrialtapes

**LEED® Claim:** Helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1 - Low Emitting Materials: Adhesives and Sealants.



#### 3M<sup>™</sup> Vent Tape 3294

Air permeable, non-woven backing with an acrylic adhesive that is strip-coated so uncoated areas have higher permeability to help minimize foaming voids. Use in various venting applications requiring high outgassing rates, allow confinement and outgassing of foam insulation.

Website: www.3M.com/industrialtapes

**LEED® Claim:** Helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1 - Low Emitting Materials: Adhesives and Sealants.



### Other Industrial Tapes

### 3M™ Venting Tape 3394

Non-woven, synthetic backing with a low-tack acrylic adhesive. Used in a variety of venting applications, allow the confinement and outgassing of foam insulation, non-woven backing for conformability.

Website: www.3M.com/industrialtapes

**LEED® Claim:** Helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1 - Low Emitting Materials: Adhesives and Sealants.



### 3M™ Weather Resistant Film Tape 838

Tape with an acrylic adhesive and Tedlar® PVF backing used for sealing the seams of outdoor building panels, windows and doors as well as similar severe exposure applications, and hinge seal on shower doors.

Website: www.3M.com/industrialtapes

**LEED® Claim:** Helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ Credit 4.1 - Low Emitting Materials: Adhesives and Sealants.



#### Scotch® Foil Tape 3311

Aluminum alloy foil with a pressure-sensitive adhesive and paper liner. The aggressive rubber adhesive sticks well to most surfaces and the paper liner makes for convenient and reliable use. Ideal for sealing aluminum faced insulation seams and joints.

Website: www.3M.com/industrialtapes

**LEED® Claim:** Helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ Credit 4.1 - Low Emitting Materials: Adhesives and Sealants.



### Scotch® Foil Tape 3326

Aluminum foil backing with a pressure sensitive acrylic adhesive and paper liner. The foil backing is printed to indicate its compliance with UL181A-P and UL181B-FX standards. The convenient paper liner provides easy application and assurance of adhesive integrity. Use for joining and sealing fiberglass duct board joints and seams, joining and sealing flexible air duct seams and connections, and in applications to preserve vapor barrier integrity.

Website: www.3M.com/industrialtapes

LEED® Claim: Helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ Credit 4.1 - Low Emitting

Materials: Adhesives and Sealants.



### VHB Tapes

### 3M™ VHB™ Tapes 4611 Family

The 4611 tape family has a general purpose adhesive on both sides of firm foam. This family of tapes is typically used on metal substrates, and has the added feature of high temperature resistance, making it often suitable for bonding prior to high temperature paint processing. Available in dark gray. Dark gray, closed-cell acrylic foam carrier. High temperature resistance. UL746C.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3m.com/industrialtapes

LEED® Claim: Use of this product helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ Credit 4.1:

Low-Emitting Materials: Adhesives & Sealants. **Environmental/Energy Advantage:** 100% solids.



### 3M™ VHB™ Tapes 4622 Family

3M<sup>TM</sup> VHB<sup>TM</sup> tapes have general purpose adhesive on the face side (the side that typically would be bonded first) and multi-purpose adhesive on the liner side (the side exposed when the release liner is removed) of a conformable foam. Available in white. Closed-cel acrylic foam carrier. Apply as low as 32° (0° C).

**Toll Free Number:** 1-800-362-3550 **Website:** www.3m.com/industrialtapes

LEED® Claim: Use of this product helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ Credit 4.1: Low-

Emitting Materials: Adhesives & Sealants.

Environmental/Energy Advantage: 100% solids.



#### 3M<sup>™</sup> VHB<sup>™</sup> Tapes 4910 Family

This family of clear tapes is excellent for applications where clear or colorless is desired. The general purpose adhesive on both sides can be used for high surface energy substrates. Clear, acrylic construction for joining transparent material.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3m.com/industrialtapes

LEED® Claim: Use of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-

Emitting Materials: Adhesives & Sealants.

Environmental/Energy Advantage: 100% solids.



### 3M™ VHB™ Tapes 4941 Family

This family of 3M<sup>TM</sup> VHB<sup>TM</sup> Tapes utilizes multi-purpose acrylic adhesive on both sides of conformable foam. The adhesive provides excellent adhesion to a broad range of high and medium surface energy substrates including metals, glass, and a wide variety of plastics, as well as plasticized vinyl. The conformable foam provides good contact, even with mismatched substrates. Available in gray and black. Gray, closed-cell acrylic foam carrier. Conformable. Good adhesion to many painted metals. Plasticizer resistant. UL 746C.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3m.com/industrialtapes

LEED® Claim: Use of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-Emitting Materials:

Adhesives & Sealants.

Environmental/Energy Advantage: 100% solids.



### VHB Tapes

### 3M™ VHB™ Tapes 4945 Family

3M<sup>TM</sup> VHB<sup>TM</sup> tapes reliably bond metals, plastics & glass eliminating drilling and unsightly fasteners to enable creation of new material combinations and high impact visual designs. This family of tape has multi-purpose adhesive on both sides of firm foam. White, closed-cell acrylic foam carrier. Plasticizer resistant. UL 746C.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3m.com/industrialtapes

LEED® Claim: Use of this product helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ Credit 4.1: Low-

Emitting Materials: Adhesives & Sealants.

Environmental/Energy Advantage: 100% solids.



### 3M™ VHB™ Tapes 4950 Family

3M<sup>TM</sup> VHB<sup>TM</sup> 4950 tapes are a general purpose adhesive on both sides of firm type foam. This family is typically used on metal, glass and high surface energy plastic substrates. Available in white and black. Closed-cell acrylic foam carrier. All-purpose adhesive UL 746C.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3m.com/industrialtapes

LEED® Claim: Use of this product helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ Credit 4.1: Low-

Emitting Materials: Adhesives & Sealants.

Environmental/Energy Advantage: 100% solids.



#### 3M<sup>™</sup> VHB<sup>™</sup> Tapes 4951 Family

This family of tapes is based around the low temperature appliable acrylic adhesive system, utilized on both firm and conformable foam types. These products can be used for high surface energy substrates. Available in white (firm foam) and gray (conformable foam).

**Toll Free Number:** 1-800-362-3550 **Website:** www.3m.com/industrialtapes

LEED® Claim: Use of this product helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ

Credit 4.1: Low-Emitting Materials: Adhesives & Sealants. **Environmental/Energy Advantage:** 100% solids.



### 3M™ VHB™ Tapes 4952 Family

 $3M^{TM}$  VHB<sup>TM</sup> tapes reliably bond metals, plastics & glass eliminating drilling and unsightly fasteners to enable creation of new material combinations and high impact visual designs. This family of tapes utilizes the low surface energy adhesive on a firm foam.

White, closed-cell acrylic foam carrier. Good adhesion to polypropylene and many powder paints.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3m.com/industrialtapes

**LEED® Claim:** Use of this product helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ

Credit 4.1: Low-Emitting Materials: Adhesives & Sealants.

Environmental/Energy Advantage: 100% solids.



### VHB Tapes

### 3M™ VHB™ Tape 4914

At only 10 mils thick,  $3M^{TM}$  VHB<sup>TM</sup> Tape 4914 is the thinnest double-coated foam tape in the 3M line. You get the high shear strength proven for more than 25 years in applications worldwide but with a low profile matched only by  $3M^{TM}$  VHB<sup>TM</sup> Transfer Tape F-9473 PC.

Toll Free Number: 1-800-362-3550 Website: www.3m.com/industrialtapes

LEED® Claim: Use of this product helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ Credit 4.1: Low-

Emitting Materials: Adhesives & Sealants.

Environmental/Energy Advantage: 100% solids.



### 3M<sup>™</sup> VHB<sup>™</sup> Tape 4915F

3M<sup>TM</sup> VHB<sup>TM</sup> Tape 4915F, general purpose acrylic adhesive, thickness 0.060 in. (1.5 mm), red PE film liner. It is colorless making it ideal for bonding transparent materials or for applications where a colored bond line is unacceptable. These tapes have somewhat lower peel, tensile and shear performance than most other VHB due to their inherent softness.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3m.com/industrialtapes

LEED® Claim: Use of this product helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ Credit 4.1: Low-

Emitting Materials: Adhesives & Sealants.

Environmental/Energy Advantage: 100% solids.



#### 3M<sup>™</sup> VHB<sup>™</sup> Adhesive Transfer Tapes

Adhesive transfer tapes are not really "tapes" at all. They are actually thin strips of pressure sensitive adhesive preapplied on special release liners. This allows for quick application of dry adhesive in precise locations with no mess. The tapes in this selection offer High Temperature Adhesive 100MP with 58 lb polycoated kraft paper liner. High temperature, moisture and solvent resistance, high HSE, low LSE. Use for industrial joining and metal fabrication, UL listing 746C. Available in printed and nonprinted (F prefix) versions.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3m.com/industrialtapes

LEED® Claim: Helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ Credit 4.1: Low-Emitting Materials: Adhesives & Sealants.

Environmental/Energy Advantage: 100% solids.



#### 3M<sup>™</sup> VHB<sup>™</sup> Adhesive Transfer Tape F9460PC

High Temperature, Moisture and Solvent Resistant. Adhesive thickness 0.002 in. (0.05 mm). Liner material: 58# polycoated Kraft 0.004 in. (0.10 mm). Utilizes the high performance of 3M<sup>TM</sup> Adhesive 100MP. Has excellent long-term holding power. Ideal for use in many interior and exterior industrial applications. Used for Industrial Joining and Metal Fabrication. UL Listing 746C.

Website: www.3M.com/industrialtapes

**LEED® Claim:** Helps contribute to LEED® NC v2.2; CI v2.0, C&S v2.0- EQ Credit 4.1 - Low Emitting Materials:

Adhesives and Sealants.



### Cleaning Sponges & Cloths

### Scotch-Brite™ Greener Clean Hand Pads

Scotch-Brite<sup>TM</sup> Greener Clean Hand Pads consist of reusable hand pads made from natural and recycled materials.

**Toll Free Number:** 1-800-626-8578 **Website:** http://www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0 - ID Credit 1.1: Innovation in Operations & Upgrades, LEED® EB O&M- Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - ID Credit 1:

Innovation in Operations.

**Environmental/Energy Advantage:** Scotch-Brite <sup>TM</sup> Greener Clean Hand Pads use non-scratch scrubbing fibers that are made from 50% natural agave plant, a highly flexible and renewable resource and the cellulose sponge is made from 100% natural fibers, 23% of which is recycled paper.



### Scotch-Brite™ High Performance Cleaning Cloths

Efficient cleaning tool consisting of microfibers in a unique knit pattern. The Scotch-Brite<sup>TM</sup> High Performance Cleaning Cloth may be used dry or damp, with or without cleaning chemicals.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- ID Credit 1.1 Innovation in Operation & Upgrades LEED® EB O&M- Innovation Credit 1.1- 1.4: Innovation in Operations, LEED®

EB v3.0 - ID Credit 1: Innovation in Operations.

Environmental/Energy Advantage: Cleans most surfaces without chemical cleaners. Washable and reuseable, creating less waste than disposible products.



### Scotch-Brite™ Griddle Polishing Pad 46

An integral part in the Scotch-Brite<sup>TM</sup> Quick Clean Griddle Cleaning System and Scotch-Brite<sup>TM</sup> Griddle Cleaning System 461. Adds final polish to help make future cleaning easier.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- ID Credit 1.1 Innovation in Operation & Upgrades LEED® EB O&M- Innovation Credit 1.1- 1.4: Innovation in Operations, LEED®

EB v3.0 - ID Credit 1: Innovation in Operations.

Environmental/Energy Advantage: Scotch-Brite<sup>TM</sup> Hand Pads are engineered for high performance and durability. In side-by-side same product comparisons, Scotch-Brite<sup>TM</sup> Hand Pads are more aggressive than most competitive pads removing up to twice as much baked-on food from cookware and dishes. Being more aggressive means that less effort is required and less time is needed to complete each cleaning operation.



### Scotch-Brite™ Heavy Duty Scouring Pad 86

Open construction pad with tough fibers and abrasives make fast work of heavy duty cleaning jobs. Use in the kitchen to replace scrapers, steel wool and metal sponges. Typical applications include heavily baked-on food and food processing equipment.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- ID Credit 1.1 Innovation in Operation & Upgrades LEED® EB O&M- Innovation Credit 1.1- 1.4: Innovation in Operations,

LEED® EB v3.0 - ID Credit 1: Innovation in Operations.

Environmental/Energy Advantage: Scotch-Brite<sup>TM</sup> Hand Pads are engineered for high performance and durability. In side-by-side same product comparisons, Scotch-Brite<sup>TM</sup> Hand Pads are more aggressive than most competitive pads removing up to twice as much baked-on food from cookware and dishes. Being more aggressive means that less effort is required and less time is needed to complete each cleaning operation.



### Cleaning Sponges & Cloths

### Scotch-Brite™ Extra Duty Pot 'n Pan Handler 88

Thick, open mesh construction. Rinses out easily, doesn't splinter and won't rust. Can replace stainless steel scrubbers. More effective than most pot scrubbing pads. Ideal for cleaning stubborn cheeses and thick sauce deposits.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- ID Credit 1.1 Innovation in Operation & Upgrades LEED® EB O&M- Innovation Credit 1.1- 1.4: Innovation in Operations, LEED®

EB v3.0 - ID Credit 1: Innovation in Operations.

**Environmental/Energy Advantage:** Scotch-Brite<sup>TM</sup> Hand Pads are engineered for high performance and durability. In side-by-side same product comparisons, Scotch-Brite<sup>TM</sup> Hand Pads are more aggressive than most competitive pads removing up to twice as much baked-on food from cookware and dishes. Being more aggressive means that less effort is required and less time is needed to complete each cleaning operation.



### Scotch-Brite™ General Purpose Scour Pad 96

It's the original synthetic scouring pad and a performance pacesetter. Use it for everyday cleaning of most cooking utensils and equipment. It replaces steel wool and metal sponges and won't leave metal slivers in hands or food. Non-rusting and resilient.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- ID Credit 1.1 Innovation in Operation & Upgrades LEED® EB O&M- Innovation Credit 1.1- 1.4: Innovation in Operations,

LEED® EB v3.0 - ID Credit 1: Innovation in Operations.

Environmental/Energy Advantage: Scotch-Brite<sup>TM</sup> Hand Pads are engineered for high performance and durability. In side-by-side same product comparisons, Scotch-Brite<sup>TM</sup> Hand Pads are more aggressive than most competitive pads removing up to twice as much baked-on food from cookware and dishes. Being more aggressive means that less effort is required and less time is needed to complete each cleaning operation.



### Scotch-Brite™ Quick Clean Griddle Liquid 701

A powerful griddle cleaning liquid that is safe for use on food contact surfaces. Loosens and lifts carbonized grease and food soil upon contact on a hot griddle for easy removal. No strong chemical odors or irritating fumes. Formulation does not contain caustic soda found in other griddle cleaning chemicals.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** Use of this product helps contribute to LEED® EB v2.0- ID Credit 1.1 Innovation in Operation & Upgrades LEED® EB O&M- Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - ID Credit 1: Innovation in Operations.

Environmental/Energy Advantage: Scotch-Brite<sup>TM</sup> Hand Pads are engineered for environmental sustainability and performance. In side-by-side same product comparisons, Scotch-Brite<sup>TM</sup> Hand Pads are more aggressive than most competitive pads removing up to twice as much baked-on food from cookware and dishes. Being more aggressive means that less effort is required and less time is needed to complete each cleaning operation.



### Cleaning Sponges & Cloths

### Scotch-Brite™ Quick Clean Griddle Cleaning System Starter Kit 710

A complete system for cleaning commercial griddles. This system is faster, safer and easier than traditional griddle cleaning products. Each kit contains 10 packets Scotch-Brite™ Quick Clean Griddle Liquid 700-40, one Scotch-Brite<sup>TM</sup> Multi-Purpose Pad Holder 405-R, 10 Scotch-Brite<sup>TM</sup> Griddle Polishing Pad 46, one Scotch-Brite<sup>TM</sup> Squeegee 410, and one product use video.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- ID Credit 1.1 Innovation in Operation

& Upgrades LEED® EB O&M- Innovation Credit 1.1-1.4: Innovation in Operations, LEED® EB v3.0 - ID Credit 1: Innovation in Operations. Environmental/Energy Advantage: Scotch-Brite<sup>TM</sup> Hand Pads are engineered for environmental sustainability and performance. In side-byside same product comparisons, Scotch-Brite<sup>TM</sup> Hand Pads are more aggressive than most competitive pads removing up to twice as much baked-on food from cookware and dishes. Being more aggressive means that less effort is required and less time is needed to complete each cleaning operation.



#### Scotch-Brite™ Power Pad 2000

Scours up to four times faster than conventional commercial scouring products. Up to eight times less abrasive than other medium/heavy-duty commercial scouring products to reduce scratching. Unique bowtie shape.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

**LEED®** Claim: Use of this product helps contribute to LEED® EB v2.0- ID Credit 1.1 Innovation in Operation & Upgrades LEED® EB O&M- Innovation Credit 1.1- 1.4: Innovation in Operations, LEED®

EB v3.0 - ID Credit 1: Innovation in Operations.

Environmental/Energy Advantage: Scotch-Brite<sup>TM</sup> Hand Pads are engineered for high performance and durability. In side-by-side same product comparisons, Scotch-Brite<sup>TM</sup> Hand Pads are more aggressive than most competitive pads removing up to twice as much baked-on food from cookware and dishes. Being more aggressive means that less effort is required and less time is needed to complete each cleaning operation.



### Scotch-Brite™ Power Sponge 3000

Two cleaning tools in one, a Scotch-Brite™ Power Pad combined with a sponge. Up to eight times less abrasive than other medium duty/heavy duty commercial scouring products to reduce scratching. Features 3M's unique anti-microbial technology integrated into every fiber. Sponge resists growth of odor-causing bacteria through hundreds of uses.

**Toll Free Number:** 1-800-626-8578 Website: www.3M.com/building

LEED® Claim: Use of this product helps contribute to LEED® EB v2.0- ID Credit 1.1 Innovation in

Operation & Upgrades LEED® EB O&M- Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - ID Credit 1: Innovation in

Operations.

Environmental/Energy Advantage: Scotch-Brite™ Hand Pads are engineered for high performance and durability. In side-by-side same product comparisons, Scotch-Brite<sup>TM</sup> Hand Pads are more aggressive than most competitive pads removing up to twice as much baked-on food from cookware and dishes. Being more aggressive means that less effort is required and less time is needed to complete each cleaning operation.



# Product Index

Product	Page	Product	Page
3M™ 3-in-1 Floor Cleaner Concentrate 24H	19	3M™ Post-it® Recycled Easel Pad	27
3M™ Adjustable Keyboard Trays		3M™ Pretreatment Cleaner Concentrate 10H	15
3M™ All Weather Flashing Tape 8067		3M™ Primer WP-2000	
3M™ Aluminum Foil Tape 425		3M™ Quat Disinfectant Cleaner Concentrate 5H	
3M™ Bathroom & Shower Cleaner Concentrate 51L		3M™ Safety & Security Window Film-Ultra Neutral S35	
3M™ Bathroom Cleaner Concentrate 44L		3M™ Safety & Security Window Film-Ultra Neutral S50	
3M™ Bathroom Disinfectant Cleaner Concentrate 4L	13	3M™ Safety & Security Window Film-Ultra NV S25	
3M™ Construction Seaming Tape 8087	38	3M™ Safety & Security Window Film-Ultra Silver S20	11
3M™ Cool Roofing Granules	3	3M™ Safety and Security Window Film Prestige Series - Ultra PR S50 - S70	
3M™ Daylighting Film DF2000MA		3M™ Sanitizer Concentrate 16L	16
3M™ Daylighting Radial Lens Film DRLP22	6	3M™ Scotchcal™ Dusted & Frosted Crystal Film Series 5525SE	37
3M™ Deodorizer Concentrate		3M™ Scotchcal™ ElectroCut™ Graphic Film Series 7725SE	
3M <sup>™</sup> Detection System Select Series with Designer Open Panels	27	3M™ Scotch-Weld™ Hi-Strength Postforming 94 CA	29
3M™ Detection System Select Series with Designer Solid Panels		3M™ Speed Stripper Concentrate 6H	
3M™ DI-NOC™ Architectural Finishes	12	3M™ Sun Control Window Film-Amber 35 Low E	9
3M™ Document Holder DH640	25	3M™ Sun Control Window Film-Night Vision	10
3M <sup>™</sup> Double Coated Urethane Foam Tape 4016	38	3M™ Sun Control Window Film-Prestige Series	9
3M <sup>™</sup> Double Coated Urethane Foam Tape 4026	38	3M™ Sun Control Window Films-Amber	7
3M™ Extraction Cleaner Concentrate 9H	15	3M™ Sun Control Window Films-Neutral	8
3M™ Fastbond™ Contact Adhesive 2000NF	28	3M™ Sun Control Window Films-Nickel	8
3M™ Fastbond™ Contact Adhesive 30H	28	3M™ Sun Control Window Films-Silver	
3M™ Fastbond™ Contact Adhesive 30NF	28	3M <sup>™</sup> Super 77 <sup>™</sup> Multipurpose Adhesive	29
3M™ Fastbond™ Foam Adhesive 100NF	28	3M™ Tile, Grout and Bowl Cleaner Concentrate 52L	
3M <sup>™</sup> Fastbond <sup>™</sup> Insulation Adhesive 49	29	3M™ TroubleShooter™ Finish Remover Concentrate 21L	18
3M™ Fastbond™ Pressure Sensitive Adhesive 4224NF	29	3M™ Twist 'n Fill™ Cleaning Chemical Dispenser Gray Cap	32
3M™ Fire Barrier Sealant CP 25WB+	34	3M™ Twist 'n Fill™ Cleaning Chemical Management System	32
3M™ Fire Barrier Sealant FD 150+	34	3M™ Uniform Lighting Panels	
3M™ Fire Barrier Sealant IC 15WB+		3M™ Vent Tape 3294	
3M™ Fire Barrier Silicone RTV Foam 2001	33	3M™ Vent Tape 394	
3M™ Fire Barrier Silicone Sealant 2000 NS	33	3M™ Venting Tape 3394	
3M™ Fire Barrier Silicone Sealant 2000+	33	3M™ VHB™ Adhesive Transfer Tape F9460PC	
3M™ Fire Barrier Water Tight Sealant 1000 NS	33	3M™ VHB™ Adhesive Transfer Tapes	
3M™ Fire Barrier Water Tight Sealant 1003 SL		3M™ VHB™ Tape 4914	
3M™ Fire Barrier Water Tight Sealant 3000 WT		3M™ VHB™ Tape 4915F	
3M™ FireDam™ Spray 200		3M™ VHB™ Tapes 4611 Family	
3M™ Floor Pads - Buffing & Cleaning		3M™ VHB™ Tapes 4622 Family	
3M™ Floor Pads - Burnishing		3M™ VHB™ Tapes 4910 Family	40
3M™ Floor Pads - Scrubbing		3M™ VHB™ Tapes 4941 Family	40
3M™ Floor Pads - Stripping		3M™ VHB™ Tapes 4945 Family	
3M™ Floor Stripper LO Concentrate 22H		3M™ VHB™ Tapes 4950 Family	
3M™ Food Service Degreaser Concentrate 7H		3M™ VHB™ Tapes 4951 Family	
3M™ Gel Wrist Rests		3M™ VHB™ Tapes 4952 Family	
3M™ General Purpose Cleaner Concentrate 8H		3M™ Water Filtration BREW series	
3M™ Glass Cleaner Concentrate 1L		3M™ Water Filtration ICE series	
3M™ HB Quat Disinfectant Cleaner Concentrate 25H		3M™ Weather Resistant Film Tape 838	
3M™ Heavy Duty Aircraft Cleaner Concentrate 72L		Filtrete™ Commercial High Performance HVAC Filters	30
3M™ Heavy Duty Glass Cleaner Concentrate 20L		Filtrete™ Commercial High Performance HVAC Utility Filters	
3M™ Heavy Duty Multi-Surface Cleaner Concentrate 2L		Filtrete™ Commercial Mid Performance HVAC Filters	
3M™ High Gel Re-enterable Encapsulant 8882		Filtrete™ Commercial Mid Performance HVAC Utility Filter	
3M™ High Luminance Light Fiber	5	Filtrete™ Ultra Quiet Room Air Purifier	
3M™ Industrial Degreaser Concentrate 26H		MicroKlean®	
3M™ Light Enhancement Film 3635-100		Post-it® 100% Recycled Notes - Canary Yellow	26
3M™ Light Pipe		Post-it® Desk Drawer Organizer C71	24
3M™ Neutral Cleaner Concentrate 3H		Post-it® Recycled Notes in Cabinet Packs	
3M™ Neutral Cleaner LO Concentrate 33H		Post-it® Rotary Organizer C91	
3M™ Neutral Quat Disinfectant Cleaner Concentrate 23H		Post-it® Super Sticky Recycled Notes - Nature's Hues Colors	
3M™ Nextel™ Ceramic Textiles and Composites		Post-it® Super Sticky Recycled Notes - Tropical Colors	
3M™ Nomad™ Carpet Matting 5000		Scotch® Foil Tape 3311	30
3M™ Nomad™ Heavy Traffic Scraper Matting Backed 8150		Scotch® Foil Tape 3326	
3M™ Nomad™ Heavy Traffic Scraper Matting Unbacked 8100	35	Scotch® Masking Tape #2050	
3M™ Nomad™ Medium Traffic Scraper Matting 6050		Scotch-Brite™ Purple Diamond Floor Pad Plus	
3M™ Nomad™ Z-Web Extreme Traffic Scraper Matting 9100		Scotch-Brite™ Surface Prep Pads	27
3M™ Nomad™ Z-Web Medium Traffic Scraper Matting 9100		Scotch-Brite™ Extra Duty Pot 'n Pan Handler 88	
3M™ Non-Acid Bathroom Cleaner Concentrate 19L		Scotch-Brite™ General Purpose Scour Pad 96	
3M™ Non-Acid Disinfectant Bathroom Cleaner Concentrate 15L		Scotch-Brite™ General Purpose Scotti Pau 96 Scotch-Brite™ Greener Clean Hand Pads	
3M™ Novec™ 1230 Fire Protection Fluid		Scotch-Brite™ Griedle Polishing Pad 46	
3M™ Phenolic Disinfectant Cleaner Concentrate 18H		Scotch-Brite™ Heavy Duty Scouring Pad 86	
Thorono Districtions Ordered Collectifiate 1011	17	335.611 Drice Treaty Daty Security Law 00	73

## Product Index

Product	Page
Scotch-Brite™ High Performance Cleaning Cloths	43
Scotch-Brite™ Power Pad 2000	45
Scotch-Brite™ Power Sponge 3000	45
Scotch-Brite™ Quick Clean Griddle Cleaning System Starter Kit 710	45
Scotch-Brite™ Quick Clean Griddle Liquid 701	
Scotchgard™ Bonnet Cleaner Concentrate 11L	15
Scotchgard™ Extraction Cleaner Concentrate 27H	
Scotchgard™ Pretreatment Cleaner Concentrate 28H	20
Scotchkote™ Reinforced Roof Coatings	3





Corporate Headquarters 3M Center St. Paul, MN 55144-1000 www.3M.com/sustainability 3M, Fasara, Scotchtint, Filtrete, Nextel, Novec, DI-NOC, Fastbond, Scotch-Weld, VHB, Scotchcal, Post-it, Scotchgard, Trouble Shooter, Nomad, Twist'n Fill, Scotch-Brite, ElectroCut, FireDam, MicroKlean, Scotch, ScotchKote, Super 77 are registered trademarks of 3M.

LEED® is a registered service mark owned by the U.S. Green Building Council (USGBC). The USGBC is not affiliated with 3M Company. Products are not reviewed or certified under the LEED Rating System. LEED credit requirements cover the performance of materials in aggregate, not the performance of individual products or brands. For more information on LEED, visit www.usgbc.org/leed.

Ecoresin is a trademark of 3form, INC. which is not affiliated with 3M Company. For more information, visit www.3-form.com.

All other trademarks are property of their respective owners.

Please recycle. © 3M 2009. All rights reserved.