



Re: Response to Request for Carbon Footprint Information

Dear Valued 3M Customer,

This letter is in response to your request for carbon footprint information on certain 3M products. 3M is monitoring the development of guidelines for determining product carbon footprints.

Currently, there are no generally accepted, product level greenhouse gas footprint accounting standards. Such standards would include methodologies for determining the scope or boundary of product footprints and guidance on accounting for supply chain emissions sources. 3M is encouraged by the efforts of the World Resource Institute and World Business Council for Sustainable Development, which are developing guidelines on supply chain and lifecycle greenhouse gas accounting. These organizations previously developed the GHG Protocol, which is used by 3M and other companies worldwide to develop corporate greenhouse gas emissions inventories. We will actively engage in the WRI/WBCSD effort and other efforts to develop GHG product footprint accounting standards.

Although 3M does not have specific carbon footprint emission information on the particular products at issue, we do want you to be aware of our product development efforts to help our customers achieve their energy efficiency and/or carbon footprint reduction goals. We also would like you to be aware of our corporate reductions in greenhouse gas emissions, which have reduced the carbon footprints of all of our products when taken as a whole. Please see the attachment for more information on 3M's approach to new product development, greenhouse gas and energy management, and sustainable development. We hope it will provide assurances of our commitment to sustainability and reduction of greenhouse gas emissions.

## **3M New Product Development, Greenhouse Gas and Energy Management**

### *3M Product Development*

Life Cycle Management (LCM) is an integral part of 3M's product development process. Instead of focusing only on the manufacturing process to control environmental, health, safety and energy effects, LCM places a focus on products throughout their entire life cycle, from raw material acquisition through manufacturing, customer use, and disposal. In 2001, 3M adopted a Life Cycle Management Policy requiring all business units to conduct LCM reviews for all new products and for existing products on a prioritized basis.

Using LCM, 3M has developed several products that can help our customers reduce their greenhouse gas emissions as well as meet other environmental challenges. In 2007, 3M launched the Environmental Solutions Catalog, which lists many of these products. The Catalog can be downloaded at [www.3M.com/EnvSolutions](http://www.3M.com/EnvSolutions).

### *3M's Greenhouse Gas Emission Reductions*

Greenhouse gas (GHG) emission reductions are a priority for 3M Company. 3M has taken many voluntary, proactive steps to reduce GHG emissions. Pursuant to 3M's Global Climate Change Position and Greenhouse Gas Management Policy and Standard, the company set a goal to reduce our worldwide GHG emissions by 50% (from a 1990 base year). In addition, 3M partnered with the US Environmental Protection Agency through the Climate Leaders program to set a goal to reduce our US GHG emissions by 30 percent by 2007 (from a 2002 base year). The emission reduction goals include both Kyoto and non-Kyoto gases and are accomplished through manufacturing process improvements, energy conservation and additional pollution control equipment.

3M's actions have led to a 54% reduction in absolute, global greenhouse gas emissions (Kyoto and non-Kyoto GHGs) at the end of 2006, while more than doubling net sales during the same period. 3M had reduced its U.S. GHG emissions by 50% at the end of 2006 (well beyond its 30% goal).

In order to track our progress toward our GHG goals, 3M has developed a worldwide GHG inventory and has received third-party verification of our inventory base year (2002). The inventory was developed using the World Resource Institute ("WRI")/World Business Council for Sustainable Development ("WBCSD") GHG Protocol.

3M has a Global Climate Change Committee that works to drive further GHG reductions and monitor developing GHG policy.

3M was awarded the US Environmental Protection Agency's 2005 Climate Protection Award in recognition of the company's leadership and technical achievements in protecting the Earth's climate. For more information on 3M's GHG emission reduction strategies, please see [http://solutions.3m.com/wps/portal/3M/en\\_US/global/sustainability/management/climate-changeenergy/](http://solutions.3m.com/wps/portal/3M/en_US/global/sustainability/management/climate-changeenergy/)

### *3M's Energy Management Efforts*

Energy management is a key part of 3M's efforts to achieve its GHG reduction goals. Strong energy conservation strategies have helped 3M achieve a 78 percent improvement in U.S. energy efficiency from 1973 to 2007. Improvements have resulted from employee programs that increase the energy efficiency of existing operations and new equipment and facilities designed to be energy efficient. 3M has increased its global energy efficiency by 37 percent at its operations

worldwide from 1998 to 2007. 3M is also working to reduce its greenhouse gas emissions impact by purchasing and installing on-site renewable energy.

In recognition of the company's continuous improvement in energy management, 3M was awarded the ENERGY STAR™ Sustained Excellence Award in 2005, 2006, 2007, and 2008 by the US Environmental Protection Agency and the US Department of Energy. This award is given to companies that demonstrate extraordinary and sustained programs to reduce energy use and increase energy efficiency.

*3M's Commitment to Sustainable Development*

3M embraces the principles of sustainable development: stewardship to the environment, contributions to society and the creation of economic value and worth. Our efforts toward sustainable development are discussed in depth in 3M's online Sustainability Report, and in that report's executive summary, both of which can be viewed at [www.mmm.com/sustainability](http://www.mmm.com/sustainability). In addition, the Dow Jones Sustainability Index has recognized 3M as industry sector leader.