



January 28, 2010

Dear Customer:

The enclosed Material Safety Data Sheet(s) (MSDSs) is/are being sent as a result of either a request or a recent product order from the Polymer Group, Inc. or one of its affiliates (PGI).

The Occupational Safety and Health Administration (OSHA) mandates the issuance of MSDSs pursuant to the requirements of the Federal Hazard Communication Standard (29 CFR 1910.1200). Although MSDSs are required only for "hazardous chemicals", PGI prepares MSDSs for most of our products whether hazardous or not. Even for products determined not to be hazardous, PGI believes that MSDSs offer important handling and safety information. To the best of our knowledge, the enclosed MSDS(s) is/are in compliance with the requirements of the OSHA Hazard Communication Standard. In most cases, we have provided more information than is required by the OSHA Standard.

For more information about the contents of this MSDS, please contact the PGI Regulatory Affairs' phone number listed on the sheet. To obtain copies of MSDSs for other PGI products, call (501) 399-2537 or fax your request to us at (501) 379-2415.

Thank you for your interest in PGI.

Sincerely,

PGI - Regulatory Affairs

**PGI**  
Three Harris Corners  
9335 Harris Corners Parkway  
Suite 300  
Charlotte, NC 28269  
Telephone: 704-697-5100

Product Code: **0416**  
Issue Date: 01/28/2010  
Supersedes: rev3  
Supersedes Date: 10/20/08

## MATERIAL SAFETY DATA SHEET

### SECTION I - PRODUCT IDENTIFICATION

Product Code: 0416  
Product Name/Synonyms: Stretch 'n Dust® Dust Cloth – Medium Duty - Yellow/Orange  
Chemical Description: Polyester/Rayon Based Nonwoven Fabric

### SECTION II - COMPOSITION, INFORMATION ON INGREDIENTS

Components	Percent by Weight	C A S No.	***Exposure Limits***	
			TWA (8 Hour)	Short Term (15 Min.)
White Mineral Oil	10 - 15	8042-47-5	5 mg/m <sup>3</sup> (OSHA) 5 mg/m <sup>3</sup> (ACGIH)	Not Established  10 mg/m <sup>3</sup>

### SECTION III - HAZARDS IDENTIFICATION

Health Effects:  
Eyes: None known.  
Skin: None known.  
Inhalation: N.A.  
Ingestion: N.A.

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### SECTION IV - FIRST AID MEASURES

**First Aid Procedures:**

**Eyes:** If irritation occurs, flush eyes immediately with large amounts of water for at least 15 minutes and continue flushing until irritation subsides. If redness or irritation persists, contact a physician.

**Skin:** Use good personal hygiene and wash thoroughly after handling. If redness or irritation persists, contact a physician.

**Inhalation:** N.A.

**Ingestion:** N.A.

### SECTION V - FIRE FIGHTING MEASURES

Flash Point(Specify Method): N.A.

Flammability Class: N.A.

Fire Extinguishing Media: Water, Carbon Dioxide, Foam, Dry Chemical

Special Fire Fighting Procedures: None

Unusual Fire & Explosion Hazards: None known; expected to be similar to ordinary combustible

Flammable (Explosive) Limits  
(Percent by Volume) \_\_\_\_\_  
Lower Explosive Limit: N.A.  
Upper Explosive Limit: N.A.

### SECTION VI - ACCIDENTAL RELEASE

Steps to be taken in case material is released or spilled: N.A.

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### SECTION VII - HANDLING AND STORAGE

Handling: None

Storage: Avoid storing near strong oxidizers.  
Avoid sources of ignition.  
Use caution when stacking to avoid unstable conditions.  
Store at temperatures below 140°F  
Store in a sprinklered warehouse.

### SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye Protection: None required when used as intended.  
Gloves: None required when used as intended.  
Respiratory: None required.  
Ventilation: None required.  
Other: N.A.

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Yellow/Orange	Boiling Point:	N.A.
Odor Threshold:	N.A.	Freezing Point:	N.A.
Specific Gravity (Water=1):	N.A.	pH:	N.A.
Vapor Density (Air=1):	N.A.	Solubility in Water:	N.A.
Vapor Pressure (mm of mercury):	N.A.		
Evaporation Rate:	N.A.		

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### SECTION X - STABILITY AND REACTIVITY

General Reactivity:	Stable
Incompatibility (Materials to Avoid):	N.A.
Hazardous Decomposition Products:	Not tested; expected to be similar to ordinary combustion.
Hazardous Polymerization:	..X.. Will Not Occur                      ..... Will Occur
Conditions to Avoid:	N.A.

### SECTION XI - TOXICOLOGICAL INFORMATION

#### Reported Human Effects:

Based on human graduated patch tests on a similar product, this product is characterized as one devoid of skin-damaging propensities that can be detected by the method used in the study.

#### Reported Animal Effects:

No animal toxicity studies have been carried out with this product.

#### Carcinogenicity Information:

None of the components in the product at greater than 0.1% are listed by ACGIH, IARC, NTP or OSHA as a carcinogen.

### SECTION XII - ECOLOGICAL INFORMATION

#### Ecotoxicity:

No ecological studies have been carried out on this product.

N.A. = Not Applicable

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### **SECTION XIII - DISPOSAL CONSIDERATION**

#### Waste Disposal Methods:

Dispose in accordance with Federal, State and local regulations. Be aware that state and local requirements may differ widely depending on location and may in many cases be different from federal rules.

When a decision is made to discard this material as supplied, it does not meet RCRA's (Resource Conservation and Recovery Act) characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

### **SECTION XIV - TRANSPORTATION INFORMATION**

#### Shipping Information:

Shipments of Stretch 'n Dust® Dust Cloth are not regulated by the U.S. Department of Transportation (DOT). There is no identification number. No special labels are required.

### **SECTION XV - REGULATORY INFORMATION**

#### U.S. Federal Regulations

##### OSHA:

This MSDS is provided to comply with provisions of the Hazard Communication Standard (29 CFR 1910.1200).

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EPA:

TSCA:

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

CERCLA Information (40CFR 302.4):

Releases of this material to land or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

SARA TITLE III, Section 313 Information (40CFR 372):

This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

CLEAN AIR ACT AMENDMENTS OF 1990:

This product and its packaging do not contain, nor are they manufactured with, any of the ozone-depleting substances listed in either Class I (chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform) or Class II (hydrochlorofluorocarbons) of the Clean Air Act Amendments of 1990.

FDA:

This product is not registered with the FDA. Therefore, it is not approved for use as articles or components of articles intended for repeated contact with food.

USDA:

This product has not been evaluated by USDA for use in packaging material in direct contact with meat or poultry food products prepared under federal inspection.

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### State Regulations

California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):  
 This product complies with California's Proposition 65. Use of this product does not expose users to Proposition 65-listed chemicals in excess of the warning exemption levels.

<b>SECTION XVI - OTHER INFORMATION</b>
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PGI Hazard Rating	Scale								
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Health</td> <td style="width: 20%; text-align: center;">1</td> </tr> <tr> <td>Fire</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Reactivity</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Special</td> <td style="text-align: center;">---</td> </tr> </table>	Health	1	Fire	1	Reactivity	0	Special	---	4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant
Health	1								
Fire	1								
Reactivity	0								
Special	---								

Ratings are based on PGI guidelines, and are intended for internal use.



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References Documentation: Component MSDS(s)  
2009 ACGIH Guide to Occupational Exposure Values  
The Book of Chemical Lists on CD ROM, November 2009

### Important Notice:

All statements, technical information and recommendations set forth herein are based on information or tests which PGI believes to be reliable as of the date of this material safety data sheet. However, nothing contained in this information is to be taken as a representation, guarantee, or warranty, for which PGI bears legal responsibility. PGI urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application(s).

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

### Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygienists  
OSHA = Occupational Safety and Health Administration  
TLV = Threshold Limit Value  
PEL = Permissible Exposure Limit  
TWA = Time Weighted Average  
STEL = Short-Term Exposure Limit  
EPA = Environmental Protection Agency  
FDA = Food & Drug Administration  
USDA = United States Department of Agriculture

### Responsibility For This MSDS:

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N.A. = Not Applicable