Material Safety Data Sheet

Purchase Order #: 6005223
Customer Number: KZV5094

ELEVATOR
HOLLISTER-WHITNEY
2603 N 24TH ST
QUINCY, IL 62305-1215
United States of America

Dear ELEVATOR

Enclosed is the Material Safety Data Sheet (MSDS) for the product that your company recently purchased from 3M.

Please forward the attached MSDS to the individual in your organization responsible for implementing these regulations.

If you are a distributor and resell this product, OSHA and EPA require that you transmit this MSDS information to your customers at the time of first shipment or whenever you receive revised MSDSs from 3M.

3M MSDSs are available over the Internet at www.3m.com/MSDSSearch. You may also order a CD-ROM of 3M MSDSs by calling 1-800-364-3577.

3M is committed to meeting our customer requirements. Please contact your 3M customer service or sales representative if you have any questions. If you do not know whom to contact, please call the 3M Product Information Center at 1-800-364-3577.

If you are not currently receiving 3M MSDSs by e-mail and would like to do so, please contact our eMSDS Administrator at emdsadmin@mmm.com or by calling 651-736-5875.
Material Safety Data Sheet

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Standard Abrasives™ Buff & Blend High Strength HS A-MED, MED-Type F, CRS: Cross Buffs, Wheels, Discs, Rolls, Type 27 Discs, Quick Change

MANUFACTURER: 3M
DIVISION: Abrasives Systems Division
ADDRESS: 3M Center, St. Paul, MN 55144-1000

EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 hours)

Issue Date: 09/19/11
Supersedes Date: 04/26/11

Document Group: 26-5715-3

Product Use: Intended Use: Abrasive Product

SECTION 2: INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>% by Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide Mineral</td>
<td>1344-28-1</td>
<td>30 - 65</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>0.25 - 2.75</td>
</tr>
<tr>
<td>Silica</td>
<td>7631-86-9</td>
<td>0.4 - 2</td>
</tr>
<tr>
<td>Filler</td>
<td>1317-65-3</td>
<td>0.5 - 1.5</td>
</tr>
<tr>
<td>Quartz Silica</td>
<td>14808-60-7</td>
<td>0.001 - 0.15</td>
</tr>
<tr>
<td>Cured Resin</td>
<td>Mixture</td>
<td>15 - 60</td>
</tr>
<tr>
<td>Nylon Fiber</td>
<td>Mixture</td>
<td>5 - 20</td>
</tr>
<tr>
<td>Attachment Button</td>
<td>Mixture</td>
<td>0 - 5</td>
</tr>
<tr>
<td>Fiberglass Core (Wheels)</td>
<td>Mixture</td>
<td>0 - 5</td>
</tr>
<tr>
<td>Metal Eyelet</td>
<td>Mixture</td>
<td>0 - 5</td>
</tr>
<tr>
<td>Fiberglass Plate (Type 27 Discs)</td>
<td>Mixture</td>
<td>0 - 20</td>
</tr>
</tbody>
</table>

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Odor, Color, Grade: Solid Abrasive Product
Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical attention.

If Swallowed: No need for first aid is anticipated.

**SECTION 5: FIRE FIGHTING MEASURES**

5.1 FLAMMABLE PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Autoignition temperature</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Flammable Limits(LEL)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Flammable Limits(UEL)</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

5.2 EXTINGUISHING MEDIA
Ordinary combustible material. Use fire extinguishers with class A extinguishing agents (e.g., water, foam).

5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: Not applicable. None inherent in this product.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

6.1 Personal precautions, protective equipment and emergency procedures
Not applicable.

6.2. Environmental precautions
Not applicable.

Clean-up methods
Not applicable.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

**SECTION 7: HANDLING AND STORAGE**

7.1 HANDLING
For industrial or professional use only. Avoid breathing of dust created by sanding, grinding or machining. Avoid eye contact with dust or airborne particles. Damaged product can break apart during use and cause serious injury to face or eyes. Check product for damage such as cracks or nicks prior to use. Replace if damaged. Always wear eye and face protection when working at sanding or grinding operations or when near such operations. Sparks and particles flying from the product during sanding or grinding can cause injury and fire.

7.2 STORAGE
Store in a cool, dry place.
SOURCE OF EXPOSURE LIMIT DATA:
ACGIH: American Conference of Governmental Industrial Hygienists
CMRG: Chemical Manufacturer Recommended Guideline
OSHA: Occupational Safety and Health Administration
AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- Odor, Color, Grade: Solid Abrasive Product
- General Physical Form: Solid
- Autoignition temperature: Not Applicable
- Flash Point: Not Applicable
- Flammable Limits (LEL): Not Applicable
- Flammable Limits (UEL): Not Applicable
- Boiling Point: Not Applicable
- Vapor Density: Not Applicable
- Vapor Pressure: Not Applicable
- Specific Gravity: Not Applicable
- pH: Not Applicable
- Melting point: Not Applicable
- Solubility In Water: Not Applicable
- Evaporation rate: Not Applicable
- Kow - Oct/Water partition coef: Not Applicable
- Viscosity: Not Applicable

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid:
10.1 Conditions to avoid
None known

10.2 Materials to avoid
None known

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

<table>
<thead>
<tr>
<th>Substance</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon monoxide</td>
<td>During Combustion</td>
</tr>
<tr>
<td>Carbon dioxide</td>
<td>During Combustion</td>
</tr>
</tbody>
</table>

Hazardous Decomposition: Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.
STATE REGULATIONS
Contact manufacturer for more information.

CALIFORNIA PROPOSITION 65

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>SILICA, CRYSTALLINE (AIRBORNE</td>
<td>SEQ677</td>
<td>**Carcinogen</td>
</tr>
<tr>
<td>PARTICLES OF RESPIRABLE SIZE)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

** WARNING: contains a chemical which can cause cancer.

CHEMICAL INVENTORIES
This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory listing requirements.
Contact manufacturer for more information.

INTERNATIONAL REGULATIONS
Contact manufacturer for more information.

This MSDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: OTHER INFORMATION

NFPA Hazard Classification

Health: 1  Flammability: 1  Reactivity: 0  Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

Revision Changes: Updated.

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