MATERIAL SAFETY DATA SHEET

Product(s): ACCO Super Sorb

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product
Chemical Name: Fullers Earth (attapulgite type) or bentonite (montmorillonite type) or amorphous opaline silica
Identity: Granular Absorbent
Issue Date: May 25, 2011

Company Identification
Supplier
ACCO Unlimited Corporation
5300 NW 55 Avenue
Johnston, IA 50131
(515) 278-0487

FOR CHEMICAL EMERGENCY, CALL CHEMTREC (24 HOURS): 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
This product is a non-combustible, chemically inert mineral. This mineral sample contains a small amount of naturally-occurring crystalline silica as quartz. Prolonged overexposure to respirable crystalline silica may cause lung disease (silicosis). IARC, in Monograph 68, has concluded that crystalline silica inhaled in the form of quartz from occupational sources is carcinogenic to humans (Group 1); however, carcinogenicity was not detected in all industrial circumstances studied. Because applications and exposure data indicate that exposure to respirable quartz in this product with normal use is well below the OSHA Permissible Exposure Limit (PEL) and ACGIH Threshold Limit Value (TLV); and because the company is not aware of any scientific or medical data available indicating that exposure to dust from this product under conditions of normal use will cause silicosis or cancer; adverse effects would not be expected from normal use of this product.

HEALTH HAZARDS
INGESTION: No adverse effects expected with unused material.

INHALATION: Inhalation of excessive concentrations of dust may cause irritation of mucous membranes and upper respiratory tract.

EYE: Contact may cause mechanical irritation and possible injury.

SKIN: No adverse effects expected.

SENSITIZATION: No adverse effects expected.

CHRONIC/CARCINOGENICITY:
Inhalation of excessive concentrations of any dust, including this material, may lead to lung injury. This product contains crystalline silica. Excessive inhalation of respirable crystalline silica may cause silicosis, a progressive, disabling and fatal disease of the lung. Symptoms may include cough, shortness of breath, wheezing and reduced pulmonary function. The International Agency for Research on Cancer (IARC), in Monograph 68 has concluded that crystalline silica inhaled in the form of quartz or cristobalite, from occupational sources is carcinogenic to humans (Group 1). However, in making the overall evaluation, the Working Group noted that carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs. The National Toxicology Program (NTP) classifies crystalline silica as a known carcinogen. Because applications and exposure data indicate that exposure to respirable quartz in this product with normal use is well below the OSHA Permissible Exposure Limit (PEL) and ACGIH Threshold Limit Value (TLV); and because the company is not aware of any scientific or medical data available indicating that exposure to dust from this product under conditions of normal use will cause silicosis or cancer; adverse effects would not be expected from normal use of this product.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None currently known.
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS Number</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica Hydrated (Amorphous Opaline Silica)</td>
<td>7631-86-9</td>
<td>90 – 100%</td>
</tr>
<tr>
<td>Fullers Earth</td>
<td>8031-18-3</td>
<td>80 – 90%</td>
</tr>
<tr>
<td>Bentonite (Montmorillonite type)</td>
<td>1302-78-9</td>
<td>90 – 93%</td>
</tr>
<tr>
<td>Quartz</td>
<td>14808-60-7</td>
<td>0 – 20%</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

EYE: Immediately flush eyes with cool running water, lifting upper and lower lids. If irritation persists or foreign body in the eye, get immediate medical attention.

SKIN: None needed for normal use.

INGESTION: If used material is ingested, get medical attention due to possibility of chemical contamination. If large amount of unused material is swallowed, get immediate medical attention.

INHALATION: Remove to fresh air.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: This product is not combustible.

FLAMMABLE LIMITS: Not applicable.

EXTINGUISHING MEDIA: Use media that is appropriate for surrounding fire.

UNUSUAL FIRE OR EXPLOSION HAZARDS: None.

SPECIAL FIREFIGHTING INSTRUCTIONS: None required.

HAZARDOUS COMBUSTION PRODUCTS: None.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Sweep up and collect for re-use or disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING: Avoid breathing dust. If clothing becomes dusty, launder before re-use.

STORAGE: Store in a dry area.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

<table>
<thead>
<tr>
<th>Component</th>
<th>Exposure Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica Hydrated (Amorphous Opaline Silica)</td>
<td>PEL – 80 mg/m³ / % SiO2</td>
</tr>
<tr>
<td>Fullers Earth</td>
<td>PEL – 15 mg/m³ TWA (total dust)</td>
</tr>
<tr>
<td></td>
<td>PEL – 5 mg/m³ TWA (respirable fraction)</td>
</tr>
<tr>
<td>Bentonite (Montmorillonite type)</td>
<td>PEL – 15 mg/m³ TWA (total dust)</td>
</tr>
<tr>
<td></td>
<td>PEL – 5 mg/m³ TWA (respirable fraction)</td>
</tr>
<tr>
<td>Quartz</td>
<td>PEL – 10 mg/m³ / %SiO2+2 TWA</td>
</tr>
<tr>
<td></td>
<td>TLV – 0.025 mg/m³ TWA</td>
</tr>
</tbody>
</table>

PEL-OSHA Permissible Exposure Limit. TLV – American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value. TWA – 8 hour Weighted Average. STEL – Short Term Exposure Limit.
### CONTINUED SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** For operations where the exposure limit may be exceeded, local exhaust ventilation is recommended.

**RESPIRATORY PROTECTION:** For operations where the exposure limit may be exceeded, a NIOSH/MSHA approved high efficiency particulate respirator is recommended.

**SKIN PROTECTION:** None required for normal use.

**EYE PROTECTION:** Safety glasses or goggles recommended.

**OTHER:** None required for normal use.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance and Odor</td>
<td>Gray to tan (or red) granules, no odor</td>
</tr>
<tr>
<td>Physical State</td>
<td>Solid</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>2.2</td>
</tr>
<tr>
<td>PH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Octanol/Water Coefficient</td>
<td>Not available</td>
</tr>
</tbody>
</table>

### SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable.

**Incompatibility:** Physical contact between this material and turpentine, hydrofluoric acid, vegetable oil or other unsaturated organic compounds (such as fish oil) may generate heat and/or fire. Do not use this material with these compounds.

**Hazardous Decomposition Products:** None.

**Hazardous Polymerization:** Will not occur.

### SECTION 11: TOXICOLOGICAL INFORMATION

No data available.

### SECTION 12: ECOLOGICAL INFORMATION

No data available.

### SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal environmental regulations. Unused material is suitable for disposal in sanitary landfill. Used material may be subject to regulation, depending on the nature of the material absorbed. Check with appropriate regulatory authority for used material containing hazardous waste.

### SECTION 14: TRANSPORT INFORMATION

**Proper Shipping Name:** Not regulated.

**UN Number:** Not applicable.

**Hazard Class/Packing Group:** Not applicable.

**Labels Required:** None.
SECTION 15: REGULATORY INFORMATION

CERCLA/SUPERFUND: None.

SARA HAZARD CATEGORY (311/312): Chronic Health.

SARA 313: None.

TSCA: All of the components of this product are listed on the EPA TSCA Inventory or exempt from notification requirements.

EINECS: All of the components of this product are listed on the EINECS Inventory or exempt from notification requirements.

EEC R&S Phrases: Xn Harmful, R48/20 Harmful: Danger of serious damage to health by prolonged exposure by inhalation; S22 Do not breathe dust; S38 In case of insufficient ventilation, wear suitable respiratory equipment.

JAPAN MITI: All of the components of this product are existing chemical substances as defined in the Chemical Substances Control Law.

AICS: All of the components of this product are listed on the AICS Inventory or exempt from notification requirements.

CANADIAN DSL: All of the components of this product are listed on the Canadian Domestic Substance List or exempt from notification requirements.

CA PROPOSITION 65: This product contains respirable crystalline silica which is known to the State of California to cause cancer.

SECTION 16: OTHER INFORMATION

NFPA RATING: Health=1  Fire=0  Reactivity=0

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, ACCO Unlimited Corporation makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, ACCO Unlimited Corporation will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations, or warranties, either express or implied, or merchantability fitness for a particular purpose or of any other nature are made hereunder with respect to the information set forth herein or to the product to which the information refers.