Material Safety Data Sheet

Effective: July 20, 2011

Section I – Product and Company Information:
Product Name: Superior Insulation™ Thermal Insulation Blanket
Chemical Family: Fiber treated with inorganic salts.

Section II – Composition and Ingredient Information:
Recycled fiber, binder fiber, boric CAS NO: 10043-35-3, ammonium sulfate.
Contains no fiberglass, asbestos, or formaldehyde.

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>% BY WEIGHT</th>
<th>EXPOSURE LIMITS</th>
<th>CANCER DESIGNATOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber</td>
<td>Not less than 85%</td>
<td>PEL-TWA=15mg/m3 total dust (PNOC) PEL-TWA=15mg/m3 respirable fraction TLV-TWA=10mg/m3 inhalable, no asbestos TLV-TWA=3mg/m3 respirable, no asbestos</td>
<td>None</td>
</tr>
<tr>
<td>Boric Acid</td>
<td>Not more than 5%</td>
<td>PEL=15mg/m3 total dust (PNOC) PEL=5mg/m3 respirable fraction TLV=10mg/m3 (PNOC)</td>
<td>None</td>
</tr>
<tr>
<td>H3BO3</td>
<td></td>
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</tr>
<tr>
<td>Ammonium Sulfate</td>
<td>Not more than 6%</td>
<td>PEL-TLV=5mg/m respirable fraction PEL=15mg/m total dust (PNOC) PEL-TWA=15mg/m3 total dust (PNOC)</td>
<td>None</td>
</tr>
<tr>
<td>(NH4)2SO4</td>
<td></td>
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</tr>
</tbody>
</table>

100% boric acid is hazardous under the OHSA Communication Standard based upon animal chronic toxicity studies.

Section III – Physical / Chemical Characteristics:
Appearance: Blue
Specific Gravity: n/a
Boiling, Melting, Flash Point: Not Applicable
Viscosity: n/a
Solubility: Fiber is not soluble. Chemicals are soluble.

Section IV - Fire and Explosion Hazards:
Extinguishing Media: Water or any standard agent.
Unusual Fire / Explosion Hazards: None.
Special Fire Fighting Procedures: Use standard firefighting procedures.
Flash Point: Not Applicable
Combustible: Material may decompose on contact with extreme temperatures and open flames.
Flammable Limits: LEL: Not applicable UEL: Not applicable
Auto ignition Temperature: Not determined
Explosion Hazard: None expected for product based on particle size. Note: Airborne concentrations for combustible dust, when combined with an ignition source, can create an explosion hazard if the dust concentrations exceed 15 mg/m3.

Section V – Accidental Release Measures
Boric Acid May damage Trees or vegetation exposed to large quantities. Land: shovel, sweep or vacuum product, place in disposal container. Avoid bodies of water. Water; large quantities may cause localized contamination of surrounding waters depending on the quantity spilled. At high concentrations, may damage localized vegetation, fish and other aquatic life. This product is a non—hazardous waste when spilled or disposed of as defined in the Resource Conservation and Recovery Act (RCRA) regulations (40CFR 261).

Section VI – Stability and Reactivity:
Stability: Stable
Hazardous Decomposition Composition: None
Hazardous Polymerization: Will not occur
Conditions to Avoid: Prolonged temperatures exceeding 250 F

Section VII - Health Hazard Information:
Ingestion: Not intended for ingestion. See physician if ingested.
Skin: Does not normally itch or irritate skin.
Inhalation: Dust may irritate nose or throat. Wear OHSA approved dust mask if irritating. If continued difficulty exists, move to fresh air.
Eyes: Dust may cause eye irritation. Wear goggles if eye irritation. Use fresh water to cleanse eye for several minutes. If irritation persists, seek medical attention.
OHSA Regulated: None known.
Carcinogenicity: None known

Section VIII - Personal Protection Information:
General Exposure Controls: No specific controls are needed.
Respiratory Protection: If controls do not maintain nuisance levels below regulatory limits, use a NIOSH approved mask.
Eye Protection: Wear ANSI approved eye protection in excessively dusty environments.
Hand Protection: If skin is broken or sensitive, use gloves.
Other Protective Clothing: None
Section IX - Toxicological Information:
BORIC ACID

Boric Acid is classified as hazardous under the OSHA Hazard Communication Standard based on animal chronic toxicity studies.

Eye: Draize test in rabbits produced mild eye irritation effects. No adverse eye effects anticipated.

Skin: Low acute dermal toxicity, LD50 in rabbits is greater than 2000 mg/kg of body weight. Boric acid is poorly absorbed through skin.

Ingestion: TDLo, oral, human, 1’500 mg/kg, diarrhea, nausea, vomiting, LD50, oral, rat, 2840 mg/kg.

Inhalation: Low acute inhalation toxicity; LC50 in rates is greater than 2.0 mg/L (or g/m3).

Reproduction: Animal feeding studies in rat, mouse, and dog, at high doses, have demonstrated effects on fertility.

Mutagenicity: No mutagenic activity was observed for boric acid in a battery of short—term mutagenicity assays.

Section X – Ecological Information:
BORIC ACID

Ecotoxicity: Daphnia magna, 48—hr LC50=133 mg B/L. Trout, 32—day LC50=100 B/L

Chemical Fate Information: Boron is naturally occurring and ubiquitous in the environment. Boric acid decomposes in the environment to natural borate. Boric acid is insoluble in water and is leachable through normal soil.

Section XI - Handling and Storage Information:

General: No special handling is required. To maintain product integrity, handle on a first—in—first—out basis.

Storage: Dry, indoor storage is recommended at ambient temperatures and atmosphere.

Storage Temperature: Ambient

Storage Pressure: Atmospheric

Special Sensitivity: None

Section XII – Transport Information

Superior Insulation Thermal Cotton Insulation is not a DOT hazardous substance.

Section XIII – Disposal Information

Dispose as a non-hazardous waste in accordance with all applicable federal, state, and local environmental regulations.

Section XIV – Regulatory Considerations:

Superfund: CERCLA/SARA. This product is not listed under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) or its 1986 amendments, the Superfund Amendments and Reauthorization Act (SARA), including substances listed under Section 313 of SARA, Toxic Chemicals, 42 USC 11023, 40 CFR 372.65; Section 302 of SARA Extremely Hazardous Substances, 42 USC 11002, 40 CFR 355; or the CERCLA Hazardous Substances list, 42 USC 9604, 40 CFR 302.

RCRA: This product is not listed as a hazardous waste under any sections of the Resource Conservation and Recovery Act or regulations (40 CFR 261 et seq.).

Safe Drinking Water Act: This product is not regulated under SDWA, 42 USC 300g—1, 40 CFR 141 et seq. Consult state and local regulations for possible water quality advisories regarding boron. California Proposition 65: This product is not listed on any Proposition 65 lists of carcinogens or reproductive toxicants.

OSHA Carcinogen: Not listed.

Clean Water Act (Federal Water Pollution Control Act): 33 USC 1251 et seq.: This product is not itself a discharge covered by any water quality criteria of Section 304 of CWA, 33 USC 1314. This product is not on the Section 307 List of Priority Pollutants, 33 USC 1317, 40 CFR 116. This product is not on the Section 311 List of Hazardous Substances, 33 USC 1321, 40 CFR 116.

TSCA No.: This product does not appear on the EPA TSCA inventory list. Boric acid appears on the EPA TSCA inventory list under CAS Number 10043—35—3.

IARC: The International Agency for Research on Cancer (of the World Health Organization) does not list or categorize this product as a carcinogen.


ABBREVIATIONS:

- CAS Chemical Abstract Services (identifies specific chemical)
- PONC Particulates Not Otherwise Classified
- PEL OSHA Permissible Exposure Limit
- ppm Parts per million
- RDF Reference Dose
- RTECS Registry of Toxic Effects of Chemical Substances
- TDL0 Toxic dose low
- mg/kg Milligrams per kilogram
- TWA 8 hour Time Weighted Average exposure

OSHA Occupational Safety and Health Administration

LCL0 Lethal concentration low
LDLo Lethal dose low
LC50 Lethal concentration 50%
LD50 Lethal dose 50%
LOAEL Lowest Observed Adverse Effect Level
TLV ACGIH Threshold Limit Value
mg/ m3 Milligrams per cubic meter

Disclaimer: The information presented has been compiled from sources considered to be dependable and is reliable to the best of our knowledge but is not guaranteed to be so. This Material Safety Data Sheet is offered solely for your information, considerations, and investigations. Although the identified product is generally not considered to be toxic, and to the best knowledge of the Manufacturer, there are no known serious health hazards related to its normal and intended use. This product has not been tested as a whole for all potential health affects. It may have other health hazards related to its components. This MSDS is not to be construed as recommending any practice or product in violation of any law or regulation.