Material Safety Data Sheet

Effective: May 12, 2014

Section I – Product and Company Information:
Product Name: Mr. Insulate Cotton Armor™ Thermal Insulation
Chemical Family: Fiber treated with inorganic salts.

Manufacturer’s Name | Address | Phone Number:
Applegate Insulation Systems of GA, LLC
1241 Meadowbrook Drive | Eastanollee, GA 30538
(888) 427-7534

Section II – Composition and Ingredient Information:
Recycled fiber, binder fiber, inorganic phosphate ammonium salt.
Contains no fiberglass, asbestos, or formaldehyde.

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<th>COMPONENT</th>
<th>% BY WEIGHT</th>
<th>EXPOSURE LIMITS</th>
<th>CANCER DESIGNATOR</th>
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</table>
| Fiber           | Not less than 85% | PEL-TWA=15mg/m3 total dust (PNOC)  
                    |              | PEL-TWA=15mg/m3 respirable fraction                   | None              |
|                 |             | TLV-TWA=10mg/m3 inhalable, no asbestos               |                   |
|                 |             | TLV-TWA=3mg/m3 respirable, no asbestos               |                   |

Flameproof 765: Not more than 15%

Section III – Physical / Chemical Characteristics:
Appearance: Blue
Odor: None
Specific Gravity: n/a
pH: 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 fire fighting 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
Steps to be Taken In Case Material Is Released or Spilled: Not applicable for product in purchased form. Vacuum dust for recovery or disposal. Use NIOSH approved “dust mask” respirator and goggles where ventilation is not possible and exposure limits may be exceeded.

Section VI – Stability and Reactivity:
Stability: Stable
Hazardous Decomposition Composition: None
Hazardous Polymerization: Will not occur
Conditions to Avoid: Prolonged temperatures exceeding 180 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.
Note to Physician: None.
OSHA 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
Ventilation: Normal and adequate ventilation.

Section IX - Toxicological Information:
Toxicity Data: None available for product in purchased form.
Section X – Ecological Information:
Ecological Data: None available for product in purchased form.

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
Mr. Insulate Cotton Armor Thermal Insulation is not a DOT hazardous substance.

Section XIII – Disposal Considerations:
Dispose as a non-hazardous waste in accordance with all applicable federal, state, and local environmental regulations.

Section XIV – Regulatory Information:
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.
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)
PNOC Particulates Not Otherwise Classified
PEL OSHA Permissible Exposure Limit
ppm Parts per million
RfD Reference Dose
RTECS Registry of Toxic Effects of Chemical Substances
TDLo Toxic dose low
mg/kg Milligrams per kilogram
TWA 8 hour Time Weighted Average exposure
OSHA Occupational Safety and Health Administration
LCLo 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
mg/kg Milligrams per kilogram

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. The information, data and recommendations set forth are believed to be accurate and are given in good faith; however, no warranty, expressed or implied, is made and liability from reliance thereon is disclaimed. 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.

The LORD is my light and my salvation; whom shall I fear? The LORD is the strength of my life; of whom shall I be afraid? Psalm 27:1