

**Manufacturer's Name, Address, & Phone Number:**Applegate Insulation Manufacturing of Michigan  
1000 Highview Drive  
Webberville, MI 48892  
(517)521-3545 fax: (517) 521-3597**Product Name:** Applegate Cellulose Insulation**Product Composition:** Manufactured out of secondary fiber paper stock and boric acid.**Health Hazard Information****Ingestion:** Not considered toxic. If ingested, rinse mouth and drink large amounts of water.**Inhalation:** Dust inhalation may irritate nose or throat.**Skin Contact:** Does not normally itch or irritate skin.**Eye Contact:** Dust may cause eye irritation upon eye contact.**Carcinogenicity:** No.**Physical Information****Appearance & Odor:** Gray, milled paper. Slight damp paper odor, if any.**Permissible concentrations:** Particulates not otherwise regulated: 15 mg/m<sup>3</sup>. OSHA PEL total dust: 15 mg/m<sup>3</sup>; respirable dust: 5 mg/m<sup>3</sup>. ACGIH TLV total dust: 10 mg/m<sup>3</sup>.**Handling Information****In Case of Spill:** Shovel or sweep up and place in container for disposal.**Respiratory & Eye Information****Where dusty conditions exist:** Use a NIOSH approved dustmask or respirator. If dust is annoying, use dust goggles.

Follow good personal hygiene and housekeeping practices.

**Waste Disposal Information**

Dispose of in accordance with all applicable federal, state and local environmental regulations.

Applegate cellulose is not considered toxic.

**Fire & Explosion Information****Extinguishing Media:** Water or any standard agent may be used.**Special Fire Fighting Procedures:** Use standard procedures as dictated by the given situation. Material contains fire retardants and has a critical radiant flux greater than or equal to .12 w/cm<sup>2</sup> and smoldering combustion less than or equal to 15%, per ASTM C-739. Full protective clothing and self-contained breathing apparatus should be used by firefighters.**Unusual Explosion Hazards:** None.**Unusual Fire Hazards:** None. However, material should not be applied where temperatures may exceed 180° F. (i.e. Make sure duct work is sealed and maintain clearance around recessed lights, exhaust flues of furnaces and other heat producing devices, per National Electrical Code.)**Additional Information**

This MSDS applies only to the identified product as of the effective date of this MSDS and the contents may not be valid or useful if the product is altered or combined with other products, or used in an unsafe manner or for other than its intended purpose.

The Manufacturer has endeavored to disclose accurate and current information, as of the effective date of this MSDS. **However**, the Manufacturer **disclaims** any warranties, express or implied, representations or guarantees of any kind, regarding accuracy of this information or the properties, fitness, or safety of the product identified herein. The user shall have the sole responsibility for the proper use of the information and for the establishment of proper conditions for, and the safe use of, the product identified herein.**Disclaimer:** This MSDS is offered for your information and consideration only, and is not intended for any other person or purpose. It is your responsibility to conduct such investigations as you deem appropriate under the circumstances. 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, except as may be disclosed, this product (as a whole) has **not** been tested by the Manufacturer for all potential health hazards or effects. There may be health hazards related to its components.*Whoever listens to the Lord shall live safely, and shall be at peace from the fear of evil. Proverbs 1:33*