Chrysotile Asbestos Fiber Material Safety Data Sheet

I JOHNS-MANVILLE CORP. & SUBSIDIARIES

P.O. Box 5108, Denver, Colo. 80217

Emergency Telephone No: 303-770-1000

Chemical Name & Synonyms: Chrysotile Asbestos
Trade Name & Synonyms: Asbestos
Chemical Family: Fibrous Mineral Silicates
Formula: $Mg_3 (Si_2O_5) (OH)_4$

II HAZARDOUS INGREDIENTS

	TLV (Units)
Paints, Preservatives & Solvents	
Pigments, Catalyst, Vehicle, Solvents, Additives and Others	N/A
Alloys and Metallic Coatings	
Base Metal, Alloys, Metallic Coatings, Filler Metal plus Coating or Core Flux, Others	N/A
Hazardous Mixtures of Other Liquids, Solids or Gases	
Chrysotile Asbestos Fiber Approx. 100% (* For TLV—See Section V)	*

III PHYSICAL DATA

Boiling Point (°F.), Vapor Pressure (mm Hg.)	N/A
Vapor Density (Air=1), Solubility in Water	N/A
Appearance and Odor: White Fibrous dry material—no odor	
Specific Gravity (H_2O=1)	2.4-2.6
Percent volatile by volume (%)	N/A
Evaporation rate (_____=1)	N/A

IV FIRE AND EXPLOSION HAZARD DATA

Material is non-flammable. No fire or explosion hazard

V HEALTH HAZARD DATA

Threshold Limit Value

OSHA Exposure Limits Effective July 1, 1976. The 8-hour time-weighted average airborne concentrations of asbestos fibers to which any employee may be exposed shall not exceed two fibers, longer than 5 micrometers, per cubic centimeter of air.

Ceiling Concentrations. No employee shall be exposed at any time to airborne concentrations of asbestos fibers in excess of 10 fibers, longer than 5 micrometers, per cubic centimeter of air. (Refer to OSHA Standard for Exposure to Asbestos Dust, Federal Register, Volume 37, No. 110—Wednesday, June 7, 1972, paragraph (h) (2).

Emergency and First Aid Procedures

Avoid breathing excessive dust when handling, dumping and mixing. See caution label on bag.

VI REACTIVITY DATA

Stability	Stable
Incompatability (materials to avoid)	N/A
Hazardous Decomposition Products	None
Hazardous Polymerization	Will not occur

VII SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled

Vacuum clean spillage. Repair broken bags. If sweeping is necessary, wet down spillage. Use approved respiratory equipment when required.

Waste Disposal Method

Disposal of waste in accordance with OSHA Standard for Exposure to Asbestos Dust, Federal Register, Volume 37, No. 110—Wednesday, June 7, 1972, paragraph (h) (2).

VIII SPECIAL PROTECTION INFORMATION

Respiratory Protection

Use respirators as recommended by the OSHA Standard for Exposure to Asbestos Dust, Federal Register, Volume 37, No. 110—Wednesday, June 7, 1972, paragraph (d).

Ventilation

Control with mechanical dust collection equipment to within TLV. (See American National Standards Institute booklet, Z9.2—1971).

Other Protective Equipment

Use special clothing as required by the OSHA Standard for Exposure to Asbestos Dust, Federal Register, Volume 37, No. 110—Wednesday, June 7, 1972, paragraph (d).

IX SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing

Maintain good housekeeping practices. Vacuum clean waste and place in closed containers.

Other precautions

SEE CAUTION LABEL ON BAG.

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, JOHNS-MANVILLE MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

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