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U.S. DEPARTMENT OF LABOR

WAGE AND LABOR STANDARDS ADMINISTRATION Bureau of Labor Standards

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME Johns-Manville Corp.		EMERGENCY TELEPHONE NO. 212-532-7600 Ext. 542
ADDRESS (Number, Street, City, State, and ZIP Code) 22 East 40th Street, New York, N. Y. 10016		
CHEMICAL NAME AND SYNONYMS Chrysotile Asbestos		TRADE NAME AND SYNONYMS Asbestos
CHEMICAL FAMILY Asbestos	FORMULA Chrysotile Asbestos	

SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS Not Applicable			BASE METAL Not Applicable		
CATALYST "			ALLOYS "		
VEHICLE "			METALLIC COATINGS "		
SOLVENTS "			FILLER METAL PLUS COATING OR CORE FLUX "		
ADDITIVES "			OTHERS "		
OTHERS "					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Chrysotile Asbestos Fibre	Approx. 100	
For TLV see attached copy Federal Register 12/7/71, Vol. 36, No. 234 - 8		
hour time weighted average 5 fibres/ML greater than 5 microns in length.		
Concentrations above 5 fibres/ML not to exceed 10 fibres/ML permitted for 15 minutes an hour up to 5 hours per 8 hour day.		

SECTION III PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O = 1)	
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE (= 1)	
SOLUBILITY IN WATER			
APPEARANCE AND ODOR White Fibrous Dry Material - No Odor			

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Let	Uel
EXTINGUISHING MEDIA Non-Flammable			
SPECIAL FIRE FIGHTING PROCEDURES "			
UNUSUAL FIRE AND EXPLOSION HAZARDS "			

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SECTION V TOXICITY DATA	
THRESHOLD LIMIT VALUE	See Section II and attached OSHA regulation effective 12/7/71
EFFECTS OF OVEREXPOSURE	May cause pulmonary disease by inhalation.
EMERGENCY AND FIRST AID PROCEDURES	
Avoid breathing excessive dust when handling, dumping, mixing, etc. See caution label on bag.	

SECTION VI REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	x	Avoid breathing excessive dust.
INCOMPATIBILITY (Materials to avoid)		None	
HAZARDOUS DECOMPOSITION PRODUCTS		None	
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	x	Avoid breathing excessive dust.

SECTION 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	
Place waste in closed containers. Dispose of waste in closed containers. Avoid breathing excessive dust.	

SECTION VIII SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type) U. S. Bureau of Mines approved respirator - See OSHA Part 1910 - 12/7/71.		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General) Control with mechanical dust collection equipment to within TLV.	
PROTECTIVE GLOVES	EYE PROTECTION	
OTHER PROTECTIVE EQUIPMENT Use respiratory equipment per OSHA Part 1910 - 12/7/71.		

SECTION 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	