Form No. LSB-OOS-4
May 1969

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. & Subsidiaries

EMERGENCY TELEPHONE NO.
303-770-1000, Extn. 2020

ADDRESS (Number, Street, City, State, and ZIP Code)
P. O. Box 5108, Denver, Colorado 80217

CHEMICAL NAME AND SYNONYMS

TRADE NAME AND SYNONYMS
J-M 223 Packing

CHEMICAL FAMILY
Asbestos and Graphite

FORMULA

SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS N.A.			BASE METAL N.A.		
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 Yarn	66	
TLV, see Federal Register of 6/7/72, Vol. 37, No. 110; 8-hour time weighted average 5 fibres/ML greater than 5u in length. Ceiling concentrations ~~not to exceed 10 fibres/ML.~~		

SECTION III PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H_2O=1)	
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____=1)	
SOLUBILITY IN WATER			
APPEARANCE AND ODOR	Black Packing - No Odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel

EXTINGUISHING MEDIA N.A.

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS

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SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
See Section II and OSHA regulation effective 6/7/72.

EFFECTS OF OVEREXPOSURE
Long term exposure to high concentrations of asbestos fiber may cause pulmonary disease.

EMERGENCY AND FIRST AID PROCEDURES
Avoid breathing dust when cutting, machining, etc.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE		

INCOMPATABILITY (Materials to avoid) N.A.

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR		

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Vacuum clean scrap. If sweeping is necessary, wet down scrap.

WASTE DISPOSAL METHOD
Place waste in closed containers. Dispose of waste in closed containers.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)
U.S. Bureau of Mines approved respiratory equipment-See OSHA Part 1910 & 1910.93a

VENTILATION	LOCAL EXHAUST Control with local exhaust and dust	SPECIAL 6/7/72	
	MECHANICAL (General) collection equipment.	OTHER	

PROTECTIVE GLOVES | EYE PROTECTION

OTHER PROTECTIVE EQUIPMENT

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Maintain good housekeeping practices.

OTHER PRECAUTIONS

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