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U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1918, 1917)

SECTION I

MANUFACTURER'S NAME

Canadian Johns-Manville Co. Ltd.

EMERGENCY TELEPHONE NO.

819-879-5431

ADDRESS (Number, Street, City, State, and ZIP Code)

P. O. Box 1500, Asbestos, P. O. Canada

CHEMICAL NAME AND SYNONYMS

Hydrous Magnesium Silicate

TRADE NAME AND SYNONYMS All J-M Asbestc

Products Plastibest, Paperbestos

CHEMICAL FAMILY

FORMULA

Mg6((OH)4Si2O5)2

Utrabestos

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	None		BASE METAL		
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)
None					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) (Asbestos is a solid)	SPECIFIC GRAVITY (H ₂ O=1)	2.4-2.6
VAPOR PRESSURE (mm Hg.) mineral)	PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)	EVAPORATION RATE Does not (_____ =1) evaporate	
SOLUBILITY IN WATER Negligible		
APPEARANCE AND ODOR Grey, fibrous, odorless		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	Non Inflammable	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA				
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

PLAINTIFF'S EXHIBIT

CPH-4

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	12 Fibres/cc over 5 microns long.
EFFECTS OF OVEREXPOSURE	Prolonged continuous exposure to asbestos dust may cause impairment to the respiratory system.
EMERGENCY AND FIRST AID PROCEDURES	NA

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) None			
HAZARDOUS DECOMPOSITION PRODUCTS None			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Spillage should be cleaned up by aspiration. Avoid sweeping or other methods causing asbestos to become airborne.	
WASTE DISPOSAL METHOD Use plastic bags for transportation dispose of waste in earth filled dump.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type) Dustfree No. 77 U. S. Bureau of Mines Approval #21B-97.		
VENTILATION	LOCAL EXHAUST Sufficient to keep dust count below TLV shown in Section V.	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	Not required	EYE PROTECTION Not required
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Care should be taken to avoid asbestos dust becoming airborne.	
Repair broken bags, remove spillage, clean storage area by aspiration.	
OTHER PRECAUTIONS	