

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

Form OSHA-20
Rev. May 72

**PLAINTIFF'S
EXHIBIT**

ASA-237

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
— Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME LAKE ASBESTOS OF QUEBEC, LIMITED		EMERGENCY TELEPHONE NO. 418-423-4226
ADDRESS (Number, Street, City, State, and ZIP Code) BLACK LAKE, QUEBEC, CANADA		
CHEMICAL NAME AND SYNONYMS HYDROUS MAGNESIUM SILICATE		TRADE NAME AND SYNONYMS Asbestos Fibre
CHEMICAL FAMILY CHRYSTILE ASBESTOS	FORMULA Mg3 (OH)4Si2O5	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS NONE			BASE METAL NONE		
CATALYST "			ALLOYS "		
VEHICLE "			METALLIC COATINGS "		
SOLVENTS "			FILLER METAL "		
ADDITIVES "			PLUS COATING OR CORE FLUX "		
OTHERS "			OTHERS "		
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
NONE					

SECTION III - PHYSICAL DATA

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

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			

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SECTION V - HEALTH HAZARD DATA	
PERMITTED EXPOSURE LIMIT 2.0 fibres per cc over 5 microns long on a 8Hr. time weighted average EFFECTS OF OVER EXPOSURE	Danger Contains Asbestos Fibres Avoid Creating Dust Asbestosis, Lung Cancer and Other Fatal Diseases May Be Caused By Inhalation of Asbestos Smoking Greatly Increases Lung Cancer Risk
EMERGENCY AND FIRST AID PROCEDURES Non Applicable	

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 Wear approved respirators, as instructed; vacuum loose fibre or wet before cleanup; do not sweep or cause asbestos to become airborne; repair damaged bags immediately.	
WASTE DISPOSAL METHOD Discard waste fibre in sealed, properly labeled bags; dispose of in accordance with applicable EPA regulations.	

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type) Dustfoe #77 U.S. Bureau of Mines approval #21B-97			
VENTILATION	LOCAL EXHAUST	SUFFICIENT TO KEEP DUST COUNT BELOW TTV SHOWN IN SECT. 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, remove spillage and clean storage area by aspiration.	
OTHER PRECAUTIONS Do not smoke. Always operate and maintain ventilation and other equipment. Wear approved respirators as instructed. Vacuum loose fibre or wet before clean up. Discard waste fibre in sealed bags. Use vacuum equipment to remove dust from clothes. Repair damaged bags immediately.	