FILE NAME: Hedman (HED)

DATE: 0000

DOC#: HED003

DOCUMENT DESCRIPTION: Material Safety Data Sheet

MATERIAL SAFETY DATA SHEET

Section I Identification of Product	
Manufacturer's Name HEDMAN RESOURCES LIMITED	Emergency Telephone No. 705/264-3709 or 264-0593
Address P.O. Box 590, TIMMINS, Ontario, Canada P4N 7E7	
Trade Name and Synonyms HEDMANITE	
Chemical Name and Synonyms - Serpentine powder - Lizardite, the nonasbestos analog with a minor chrysotile impurity having an average fibre length of 2½ microns (1)	
Chemical Family Hydrous Magnesium Silicates	Molecular Formula $Mg_3(Si_2O_5)(OH)_4$

Section II Hazardous Components of Mixtures					
Component	1.7%* (number) 9.6% (of volume)	threshold limit value (units)**	Component	%	threshold limit value (units)
Chrysotile "asbestos fibres" (=					

(=Fibres > 5 microns included in average fibre length of 2½ microns (1)
*) Average determination at 4000X magnification.
**) See OSHA Asbestos Regulations, Part 1910.93a re threshold limit value.

(1) In category considered by medical research experts to be devoid of pathogenic potential, average fibre length below 5 microns being the criterion.

Section III Physical Data			
Appearance and Odor blueish-white powder; odorless			
Boiling Point (Degrees Fahrenheit)	N/a	Melting Point (Degrees Fahrenheit)	N/a
Vapor Density (Air=1)	N/a	Specific Gravity (Water=1)	1.87
Vapor Pressure (MM. of Mercury)	N/a	Percent Volatile (By Weight)	N/a
Solubility in Water	N/a	Evaporation Rate (Butylacetate=1)	N/a

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Section IV Fire and Explosion Hazard Data	
Flash point (Specify Method) (Degrees Fahrenheit) N/a	Flammable Limits (Percent By Volume) Lower Upper (not flammable) N/a
Fire Extinguishing Media N/a It will extinguish fires	
Special Fire-Fighting Procedures N/a	
Unusual Fire and Explosion Hazards None	

Section VI Reactivity Data			
Stability	unstable		conditions to avoid N/a
	stable		
Incompatibility (Materials to avoid) N/a			
Hazardous Decomposition Products N/a			
Hazardous Polymerization		May Occur	conditions to avoid N/a
		Will Not Occur	

Section VII Spill of Leak Procedures
Steps to be Taken in Case Material is Released or Spilled Vacuum clean spillage. Repair broken bags.
Waste Disposal Methods Maintain good housekeeping practices. Vacuum clean waste and place in closed containers.

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Section VIII Special Protection Information		
Respiratory Protection (Specify type) Use approved respirators, if required. (See OSHA Part 19108,1910.93a)		
Ventilation	Local Exhaust	Special
	Mechanical (General)	Other
Control with mechanical dust collection equipment to within TLV.		
Protective Gloves		Eye Protection
nothing special		
Other Protective Equipment n/a		

Section IX Special Precautions
Precautions to be Taken in Handling and Storing Avoid creating dusty conditions. Avoid breathing excessive dust when handling, dumping, mixing, etc. See Contents & Caution Label on bag. Leave plastic wrap on each palletized unit during handling and storing.
Date Sheet Number