

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)	threshold ^{**} limit value (units)	Component	%	threshold limit value (units)
Chrysotile "asbestos fibres" (=	9.6% (of volume)				

(=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)		Flammable Limits Lower Upper (Percent By Volume)	
N/a		(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.

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