

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification	
Product Name	Mud-Loc
Chemical Family	Inorganic binder compound
Chemical Formula	SiO ₂ 66 - 72%, Al ₂ O ₃ 11- 17, Fe ₂ O ₃ 2 -4, CaO 1 -4, K ₂ O 1.5 – 4.7, Na ₂ O 3 - 5
Effective Date	Feb 2002
Manufacturer/Supplier	Western Site Technology Inc, 245 Scenic View Close NW, Calgary AB
Telephone Number	1-403-547-0794
Emergency Assistance	1-403-547-0794

Section 2 - Composition Information on Ingredients		
Hazardous Ingredients	CAS #	Wt.%
None		

Section 3 - Hazards Identification	
Emergency Overview	May Cause eye irritation
Potential Health Effects	
EYE CONTACT	May cause eye irritation.
SKIN CONTACT	Flush Skin with water, remove contaminated clothing and launder before reuse.
INHALATION	No Adverse Health effects via inhalation, nuisance dust
INGESTION	Relatively non-toxic. Ingestion of a relatively large amount may cause some gastrointestinal upset.
Carcinogenicity	
NTP	Not listed
IARC	Not listed
OSHA	Not listed
Teratogenicity/Fetotoxicity	

Section 4 - First Aid Measures	
EYE CONTACT	Get immediate medical attention. Flush immediately with plenty of water for at least 20 minutes. Get prompt medical attention.
SKIN CONTACT	Flush immediately with plenty of soap and water. Remove contaminated clothing and wash before reuse.
INHALATION	Remove to fresh air. Not expected to cause breathing difficulties.
INGESTION	If conscious give large amounts of water. Never give anything by mouth to an unconscious person. If vomiting occurs naturally, have the victim lean forward to reduce the risk of aspiration. Rinse the mouth and give more water. Call A physician if large amounts are swallowed. In the case of ingestion monitor for acidosis and central nervous system changes.

Section 5 - Fire Fighting Measures	
Flash Point	Not Established
Lower Flame Limit	Not Established
Higher Flame Limit	Not established
Autoignition Temperature	Not Established
Flammability Classification	Non flammable
Flammability Properties	Non Flammable
Extinguishing Media	Foam or water spray. CO2 dry chemical.
Special Fire fighting Procedures	If involved in fire, use water spray, foam, dry chemical or CO2
Hazardous Combustion Products	No decomposition expected
Unusual fire & Explosion Hazards	None

Section 6 - Accidental Release Measures	
Small Spills	Use personal Protective equipment as necessary. Use a dustless vacuum or wet sweeping. Dispose of materials in accordance with state or provincial, federal and local regulations
Large Spills	Use a dustless vacuum or wet sweeping. Dispose of materials in accordance with state or provincial, federal and local regulations

Section 7 - Handling and Storage	
HANDLING	Wash thoroughly after handling. Avoid contact with eyes and skin.
STORAGE	Keep Container tightly closed. Comply with federal, state and local regulation in handling and dispensing of this type of cleaning compound.

Section 8 Exposure Controls, Personal Protective Equipment	
Engineering Controls	Good General ventilation should be used. Ventilation rates should be matched to the conditions.
Eye Protection	Wear safety Glasses with side shields. Avoid eye contact.
SKIN Protection	Chemically resistant gloves are recommended.
Respiratory Protection	Dust mask.

Section 9 - Physical and Chemical Properties	
Physical Form	Solid
Colour	Grey to white
Odour	odourless
pH	6.0
Vapour Pressure and Density	Not available
Boiling Point	Not Applicable
Melting Freezing Point	Not Applicable
Solubility in Water (77°F)	Insoluble
Specific Gravity	2.2 – 2.4
Volatility	0
Evaporation Rate	Not Available

Section 10 Stability and Reactivity	
CHEMICAL STABILITY	Stable

CONDITIONS TO AVOID	HIGH TEMPERATURES
INCOMPATIBLE MATERIALS	HF
Decomposition Products	None
Hazardous Polymerization	Will not occur.

Section 11 - Toxicological Information			
Ingredient	LC50	LD50 (Oral)	LD50 (Dermal)

Section 12 - Ecological Information
No appreciable bioconcentration is expected in the environment.

Section 13 - Disposal Considerations	
TCPL	No component is regulated
RCRA	.

Section 14 - Transportation Information	
D.O.T. Shipping Name	Not Regulated
D.O.T. Hazard Class	Not Regulated
UN. I.D. Number	Not Regulated
Packing Group	Not Regulated
Product Label	MUD-Loc
Packaging	25 kg bags

Section 15 Regulatory Information		
This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR		
Prepared by:	Gary Barnes – 403-547-0794	
WHMIS Classification		
TSCA Status	All components of this product are listed on the TSCA inventory.	
CERCLA Reportable Quantity		
OSHA Status	Hazardous	
SARA TITLE III		
Section 302 Extremely hazardous substances	None	
Section 311/312 Hazard Categories	Immediate (acute) health:	No
	Delayed Chronic health:	No
	Fire Hazard:	No
	Sudden release of Pressure	No
	Reactive	No
Section 313 Toxic Chemicals	None	
RCRA Status		

Section 16 Other Information	
HMIS Hazard Rating: E	NFPA HAZARD RATING:

Health	0	Health	0
Flammability	0	Flammability	0
Reactivity	0	Reactivity	0
PPE	B	Specific Hazard	0

4=extreme	3= High	Health	Fire	Reactivity	Specific Hazard	
2=moderate	1=Low	4 Deadly	<73F	May Detonate	Oxidizer	OXY
0=Least		3 Extreme Hazard	<100F	Shock & Heat	Acid	ACID
PPE:	A=Glasses	2 Hazardous	<200	Violent chemical	Alkali	ALK
	B=Glasses, Gloves	1 Slightly Hazardous	>200F	Unstable if Heated	Corrosive	COR
	C=Glasses, Gloves, Apron Clothing	0 Normal Material	Will Not burn	Stable	No Water	

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