

Material Safety Data Sheet

Mule-Hide POURABLE SEALER-PART A

Date of Preparation: 09/01/2008

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: MULE-HIDE POURABLE SEALER-PART A
Chemical Formula: Mixture. **General Use:** Waterproofing Sealant.
Supplier: Mule-Hide Products Co., Inc. 1195 Prince Hall Dr, Beloit, WI 53511, Phone: 800-786-1492
Manufacturer: Carlisle SynTec Incorporated, 1285 Ritner Highway, Carlisle, PA 17013, Phone: 800-479-6832
Emergency Phone Number: CHEMTREC (USA) 800-424-9300

Section 2 - Hazards Identification

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Warning – Causes mild skin irritation
Warning – Causes eye irritation

HMIS

H 1
F 0
R 0

PPE†

†Sec. 8

Potential Health Effects

Primary Entry Routes: Skin contact, skin absorption, eye contact, ingestion.

Target Organs:

Acute Effects

Inhalation: Irritation of mucous membranes.

Eye: Irritation.

Skin: Irritation.

Ingestion: Irritation of mucous membranes.

Carcinogenicity: IARC, NTP, and OSHA do not list this product as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure:

Chronic Effects: No chronic effects known to exist.

Section 3 – Ingredient Information

Hazardous Ingredients	CAS Number	% wt
Carbon Black (Amorphous)	1333-86-4	1-5
Calcium Oxide	1305-78-8	1-5
Amorphous Silica	7631-86-9	1-5
Additional Ingredients	CAS Number	% wt
Hydroxyl Terminated Polybutadiene	Proprietary	
Hydrotreated Naphthenic Oil	Proprietary	
Ground Coal	Proprietary	
Calcium Carbonate	1317-65-3	

Section 4 - First Aid Measures

Eye Contact: Immediately flush eyes with running water for at least 15 minutes. Get medical attention.

Skin Contact: Immediately flush skin with running water and remove contaminated clothing. Wash exposed area with soap and water. Get medical attention.

Ingestion: DO NOT induce vomiting. Get medical attention immediately.

Special Precautions/Procedures: Whenever possible, remove the worker from the source of contamination.

Section 5 - Fire-Fighting Measures

Flash Point: 490°F (254°C)

Flash Point Method: COC

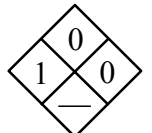
Autoignition Temperature: Not determined.

LEL: Not determined.

UEL: Not determined.

Flammability Classification: Not flammable.

NFPA



Extinguishing Media: In case of fire, use dry chemical carbon dioxide, or foam. Water may not be effective as an extinguishing agent. Water fog or spray may be used to provide a smothering effect on fire and to cool fire-exposed containers and surrounding combustibles. Do not use a solid stream of water because it can scatter and spread the fire.

Unusual Fire or Explosion Hazards: Heat from fire can generate flammable vapor when mixed with air and ignited. Vapors can burn in the open, or explode if confined. Vapors are heavier than air and may travel long distances along the ground before igniting/flashing back to vapor source. Fine sprays/mists may be combustible at temperatures below normal flash point.

Hazardous Combustion Products: Small quantities of butadiene, carbon dioxide, and carbon monoxide may be released during a fire.

Fire-Fighting Instructions: Do not enter fire without proper protection. Heat may build up pressure and rupture closed containers. Avoid direct personal contact with liquid even after fire is out.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

Section 6 - Accidental Release Measures

Spill /Leak Procedures: Absorb spill by applying sawdust, diatomaceous earth, clay, etc. Then pick up manually with shovel or broom.

Large Spills

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Cleanup: Dispose of in accordance with all local, state and federal regulations.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: Wash with soap and water before eating or drinking. Launder contaminated clothing. Avoid skin contact-will stain. KEEP OUT OF REACH OF CHILDREN.

Storage Requirements: Store away from strong oxidizing agents and strong acids. Store between 33°F and 90°F (0°C - 32°C) Keep from freezing.

Section 8 - Exposure Controls / Personal Protection

Hazardous Ingredients:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Carbon Black	3.5 mg/m ³ as dust	None estab.	3.5 mg/m ³	None estab.	3.5 mg/m ³	None estab.	1750 mg/m ³ (in ppm)
Calcium Oxide	5mg/m ³	None estab.	2 mg/m ³	None estab.	2 mg/m ³	None estab.	25 mg/m ³
Amorphous Silica	80mg/m ³ (as dust)	None estab.	10 mg/m ³	None estab.	6 mg/m ³	None estab.	3000 mg/m ³

Engineering Controls: Mechanical ventilation recommended if working in tightly enclosed area.

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs . Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Respiratory Protection: A NIOSH approved respirator recommended if working in a tightly enclosed area.

Protective Clothing/Equipment: Permeation resistant gloves (that meet ANSI/ISEA 105-2005) recommended. Safety glasses or goggles recommended. Rubber boots or industrial shoes to protect feet from contact with product. Long sleeves, long trousers to protect skin from contact with product. Protective skin creams or emollients useful.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: Liquid.
Appearance and Odor: Black, very viscous liquid, slight, aromatic odor.
Odor Threshold: Not available.
Vapor Pressure: <0.001 mm Hg at 20°C (68°F)
Vapor Density (Air=1): Not available.
Specific Gravity (H₂O=1, at 4°C/39°F): 1.23
pH: N/A

Water Solubility: Negligible.
Other Solubilities:
Boiling Point: >260°C (500°F)
Freezing/Melting Point: Not determined.
% Volatile: <1
Evaporation Rate: N/A
VOC: Less than 15 gpl
Flash Point: 490°F (254°C)
Flash Point Method: COC
Autoignition Temperature: Not determined.
LEL: Not determined.
UEL: Not determined.

Section 10 - Stability and Reactivity

Stability: Stable.
Possibility of Hazardous Reactions: Will not occur.
Chemical Incompatibilities: Strong oxidizing agents, strong acids.
Conditions to Avoid: Oxidizing conditions, extreme temperatures.
Hazardous Decomposition Products: Small quantities of butadiene, along with carbon monoxide and carbon dioxide, may be released during a fire.

Section 11- Toxicological Information

<p>Eye Effects: Irritating</p> <p>Skin Effects: Irritating</p>	<p>Toxicity Data:</p> <p>Acute Inhalation Effects: Product toxicity has not been determined. Acute Oral Effects: Product toxicity has not been determined. Chronic Effects: No chronic effects known to exist. Carcinogenicity: Contains carbon black, listed under IARC as 2b rating. Not listed by OSHA or NTP. Mutagenicity: No evidence. Teratogenicity: No evidence.</p>
--	---

Section 12 - Ecological Information

Ecotoxicity: Not known
Environmental Fate: Not known
Environmental Degradation: Not known
Soil Absorption/Mobility: Not known

Section 13 - Disposal Considerations

Disposal: Dispose of in accordance with all local, state, and federal regulations.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

<p>Shipping Name: Not Regulated Shipping Symbols: None Hazard Class: None ID No.: None Packing GroNone Label: None Special Provisions (172.102): n/a</p>	<p>Packaging Authorizations</p> <p>a) Exceptions: n/a b) Non-bulk Packaging: n/a c) Bulk Packaging: n/a</p>	<p>Quantity Limitations</p> <p>a) Passenger, Aircraft, or Railcar: n/a b) Cargo Aircraft Only: n/a</p> <p>Vessel Stowage Requirements</p> <p>a) Vessel Stowage: n/a b) Other: n/a</p>
---	---	---

Section 15 - Regulatory Information

EPA Regulations:

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed
RCRA Hazardous Waste Classification (40 CFR 261): Not classified

TSCA (Toxic Substances Control Act) Status:

Section 16 - Other Information

Prepared By: Research & Development

Revision Notes: General Review - Formatting Changes.

Disclaimer: The information contained in this document is based upon data that was supplied to Mule-Hide by other companies & organizations. No warranty of merchantability or fitness for a particular purpose is expressed or implied regarding the accuracy or completeness of the data and/or information in this material safety data sheet.