

# Material Safety Data Sheet

Mule-Hide THERMOPLASTIC POURABLE SEALER

MSDS No. 10-2205

Date of Preparation: 4/28/08

Revision: 005

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** MULE-HIDE THERMOPLASTIC POURABLE SEALER

**General Use:** Moisture Cure Sealant **Chemical Formula:** Mixture

**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: 800-4SYNTEC

Emergency Phone Number: CHEMTREC (USA) 800-424-9300

## Section 2 - Hazards Identification

### ☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Warning – Causes mild skin irritation

Warning – Causes eye irritation

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### Potential Health Effects

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

**Target Organs:**

**Acute Effects**

**Inhalation:** Product is extremely low in volatility and therefore not likely to pose a problem from inhalation.

**Eye:** Direct contact can cause severe irritation.

**Skin:** Direct contact may cause slight irritation.

**Ingestion:** May be harmful if ingested.

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

**Medical Conditions Aggravated by Long-Term Exposure:** Pre-existing skin and eye disorders may be aggravated by exposure to this product.

**Chronic Effects:** Repeated or prolonged direct contact to the eyes may cause chemical burns. Repeated or prolonged direct contact to the skin may cause dermatitis.

## Section 3 – Ingredient Information

Hazardous Ingredients	CAS Number	% wt
Additional Ingredients	CAS Number	% wt
Amino Silane	1760-24-3	Proprietary

## Section 4 - First Aid Measures

**Inhalation:** If irritation, headache, nausea or drowsiness occurs, remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention immediately.

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

**Skin Contact:** Clean affected area with ethyl alcohol; then wash with soap and water.

**Ingestion:** An unlikely route of entry. Consult a physician.

*After first aid, get appropriate in-plant, paramedic, or community medical support.*

**Note to Physicians:**

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

## Section 5 - Fire-Fighting Measures

**Flash Point:** N/A

**Flash Point Method:** N/A

**Burning Rate:**

**Autoignition Temperature:** N/A

**LEL:** N/A

**UEL:** N/A

**Flammability Classification:** Not flammable.

**Extinguishing Media:** In case of fire, use water spray, foam, CO<sub>2</sub> and dry chemical.



**Unusual Fire or Explosion Hazards:** None. This product is not considered flammable.

**Sensitivity to Impact** – Not applicable.

**Hazardous Combustion Products:** Thermal decomposition may produce toxic fumes of carbon monoxide and/or carbon dioxide.

**Fire-Fighting Instructions:** Fire fighters should wear self-contained breathing apparatus and full protective clothing with a full-face piece operated in the positive pressure demand mode.

**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:**

**Small Spills:** For minor spill, collect with an absorbent material and dispose of in accordance to governmental regulations.

**Large Spills:** Contain large spill by building a dike with absorbent material. Collect remaining material and place the material in a container approved for waste disposal.

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

**Cleanup:**

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

**Section 7 - Handling and Storage**

**Handling Precautions:** Use personal protection recommended in Section 8. Avoid eye, skin and clothing contact. Wash with soap and water before eating, drinking, or smoking. KEEP OUT OF REACH OF CHIDLREN. Clean equipment as soon as possible after use.

**Storage Requirements:** Store in cool, dry place (60-80°F) away from moisture or incompatible materials. Keep container tightly closed when not in use. Do not freeze. Store away from heat, sparks and flame.

**Section 8 - Exposure Controls / Personal Protection**

**Hazardous Ingredients:**

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH IDLH
	TWA	STEL	TWA	STEL	TWA	STEL	
Amino Silane	N/A	N/A	N/A	N/A	N/A	N/A.	none estab.

**Engineering Controls:** Do not use in enclosed areas without proper ventilation.

**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:** Not ordinarily required. Use NIOSH or MSHA approved respirator as appropriate.

**Protective Clothing/Equipment:** Vinyl or permeation resistant gloves recommend. Wear safety glasses or goggles to avoid eye contact; industrial shoes to protect feet from sealant contact and long sleeves, long trousers to protect skin from sealant contact. Avoid prolonged or repeated contact with skin. Ash thoroughly with soap and water after use.

**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:** Viscous white liquid, mild ester odor until cured-no odor when cured.

**Odor Threshold(ppm):** N/A

**Vapor Pressure:** Not established.

**Vapor Density (Air=1):** >1

**Density:** 11.9 lbs/gal.

**Specific Gravity (H<sub>2</sub>O=1, at 4 °C):** Heavier than water.

**pH:** Not established.

**Water Solubility:** Negligible

**Other Solubilities:**

**Boiling Point (°C):** Not established.

**Freezing/Melting Point (°C):** Not established.

**Viscosity:** 30,000 cps.

**% Volatile:** <1%

**Evaporation Rate:** N/A

**Flash Point:** N/A

**Flash Point Method:** N/A

**Burning Rate:**

**Autoignition Temperature:** N/A

**LEL:** N/A

**UEL:** N/A

## Section 10 - Stability and Reactivity

**Stability:** Considered stable.

**Possibility of Hazardous Reactions:** Will not occur.

**Chemical Incompatibilities:** None known.

**Conditions to Avoid:** None known.

**Hazardous Decomposition Products:** None known.

## Section 11- Toxicological Information

### Toxicity Data:\*

**Eye Effects:** Severe irritation. May cause corneal injury.

**Acute Inhalation Effects:**

Hum an, inhalation, LC<sub>50</sub>; Not acutely toxic

**Skin Effects:** LD<sub>50</sub> >2,000 mg/kg

**Acute Oral Effects:**

Rat, oral, LD<sub>50</sub>: > 2,000 mg/kg

**Chronic Effects:**

**Carcinogenicity:** No evidence

**Mutagenicity:** No evidence

**Teratogenicity:** No evidence

## Section 12 - Ecological Information

No known applicable information.

## 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):

**Special Shipping Information:**

None

**DOT:** Not regulated.

## Section 15 - Regulatory Information

### EPA Regulations:

TSCA – All components of this product are listed on TSCA Inventory.

RCRA Hazardous Waste Number: Not listed.

RCRA Hazardous Waste Classification: Not classified

CERCLA Reportable Quantity (RQ): Not applicable.

SARA 311/312 Codes: Immediate (acute) health hazard.

SARA Toxic Chemical (40 CFR 372.65): Not listed

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed.

**OSHA Regulations:**

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

OSHA Specifically Regulated Substance (29CFR 1910.-1200) - Irritant

**State Regulations:** California Proposition 65: This product does not contain any chemicals currently on the California list of known Carcinogens and Reproductive Toxins.

**WHIMS** -D2B

**Section 16 - Other Information**

**Prepared By:** Research & Development

**Revision Notes:** Formatting Changes

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