



MULE HIDE PRODUCTS CO. INC. 100% Silicone Sealant (White)

Safety Data Sheet 10-9580

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

MULE HIDE PRODUCTS CO. INC.
1195 PRINCE HALL DRIVE, BELOIT, WI, 53511

EMERGENCY TELEPHONE NUMBER

CHEMTREC: 800-424-9300

Telephone: 800-786-1492

Revision Date: 1/03/06

Generic Description: Sealant
Physical Form: Solid
Color: White, Black, Aluminum
Odor: Sweet

NFPA Profile: Health 1 Flammability 0 Instability/Reactivity 0

Note: NFPA - National Fire Protection Association

2. Composition/Information on Ingredients

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
<u>A. Hazardous</u>		
1185-55-3	1.0-5.0	Methyltrimethoxysilane
<u>B. Non-Hazardous</u>		
68583-49-3	1.0-5.0	Treated fumed silica
68611-44-9	1.0-5.0	Treated filler
63148-62-9	10-30	Polydimethylsiloxane
70131-67-8	30-60	Dimethylpolysiloxane
1317-65-3	30-60	Calcium Carbonate

3. EFFECTS OF OVEREXPOSURE

WARNING! Irritating to eyes, respiratory system and skin, May be harmful if swallowed.

Acute Effects

E y e : Direct contact may cause mild irritation.

Skin: Uncured product may cause moderate irritation.

Inhalation: Cause mild respiratory tract irritation. Applies in uncured state.

Oral: May be harmful if swallowed.

Other: Methanol released during cure. This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300°F (150°C) and above. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard

Prolonged/Repeated Exposure Effects

Skin: Repeated skin contact may cause allergic skin reaction.

Oral: Repeated ingestion or swallowing large amounts may injure internally.

Signs and Symptoms of Overexposure

No known applicable information.

Medical Conditions Aggravated by Exposure

No known applicable information.

4. FIRST AID MEASURES

Eye: Immediately flush with water for 15 minutes. Get medical attention if irritation persists.

Skin: Remove from skin and immediately flush with water for 15 minutes. Get medical attention if irritation or ill effects develop or persist.

Inhalation: Remove to fresh air. Get medical attention if ill effects persist.

Oral: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Comments: Treat according to person's condition and specifics of exposure.

5. FIRE FIGHTING MEASURES

Flash Point: Not applicable.

Autoignition Temperature: Not determined.

Flammability Limits in Air: Not determined.

Extinguishing Media: All standard firefighting media.

Special Fire Fighting Measures:

Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

Unusual Fire Hazards: None.

Hazardous Decomposition Products

Methanol; carbon dioxide (CO₂); formaldehyde; carbon monoxide; Silicon dioxide

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section. Increase area ventilation.

7. HANDLING AND STORAGE

STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Use only well-ventilated areas. Avoid contact with skin and eyes. Keep away from children. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the fingertips, nails and cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation. Store away from heat, sources of ignition, and incompatibles. Product releases methanol during application and curing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

RESPIRATORY PROTECTION

If exposure limits are exceeded or respiratory irritation is experienced. NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134)

PROTECTIVE GLOVES

Cloth gloves.

EYE AND FACE PROTECTION

Safety glasses.

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection

Exposure GuidelinesComponentCAS RNSourceValue

Absence of values indicates none found

PEL – OSHA Permissible Exposure Limit; TLV – ACGIH Threshold Limit Value; TWA – Time Weighted Average

OSHA revoked the Final Rule Limits of January 19, 1989 in response to The 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) Effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Solid

Color: White, Black, Aluminum

Odor: Sweet

Specific Gravity (Water =1): 1.40

Viscosity: Not determined.

Freezing/Melting Point: Not determined.

Boiling Point: Not determined.

Vapor Pressure @ 25°C: Not determined.

Vapor Density (AIR=1): Not determined.

Solubility in Water (20°C): Insoluble.

pH: Not determined.

Volatile Content: 2.00% (m).

Note: The above information is not intended for use in preparing product specifications.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Hazardous Polymerization: Hazardous polymerization will not occur.

Materials to Avoid: None known.

Conditions to Avoid: None known.

11. TOXICOLOGICAL INFORMATION

Acute Toxicology Data for Product

Unknown.

Acute Dermal

Unknown.

Acute Inhalation

Unknown.

Other

None.

Mutagenicity

Unkown.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGY

No data available.

CHEMICAL FATE

No data available.

DISTRIBUTION

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

Not Regulated if Section is Blank

15. REGULATORY INFORMATION**US Regulatory Information****CERCLA****Product Composition****Chemical****CERCLA Reportable Quantity****Clean Air Act****Clean Water Act****SARA Section 302****SARA (311, 312) Hazard Class**

Acute Health Hazard

SARA (313) Chemicals**Canadian Regulatory Information****WHMIS Hazard Class**

D2A Very Toxic Materials, D2B Toxic Materials

Other**SCHDLE B/HTSUS:**

3214.10.00.10 Mastic based on rubber

ECCN:

EAR99

California Proposition 65:

This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other harm.

16. OTHER INFORMATION

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

PREPARATION INFORMATION

Prepared by;	Mule Hide Products Co. Inc.
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