Safety Data Sheet
10-9810

Product Identifier: SEBS-1 Sealant **SDS ID: Preliminary**

* * *Section 1 - IDENTIFICATION* * *

Product Identifier:
SEBS-1 Sealant

Recommended Use
Thermoplastic Multipurpose Exterior Durable Colored Sealant

Restrictions on Use None known.

Responsible Party:
MULE HIDE PRODUCTS CO. INC.

1195 PRINCE HALL DRIVE, BELOIT, WI, 5351

Phone: (800) 786-1492

Emergency # (800) 424-9300

* * *Section 2 - HAZARD(S) IDENTIFICATION* * *

Classification in accordance with 29 CFR 1910.1200.

Flammable Liquids, Category 3
Skin Corrosion / Irritation, Category 2
Eye Damage / Irritation, Category 2A
Toxic to Reproduction, Category 1B
Specific Target Organ Toxicity - Single Exposure, Category 1 (central nervous system, kidneys, liver, and respiratory system)
Specific Target Organ Toxicity - Single Exposure, Category 3 (respiratory tract irritation)
Specific Target Organ Toxicity - Repeated Exposure, Category 1 (lungs, nervous system, and respiratory system)
Hazardous to the Aquatic Environment - Acute Hazard, Category 2
Hazardous to the Aquatic Environment - Chronic Hazard, Category 2

GHS LABEL ELEMENTS

Symbol(s)

Signal Word

DANGER

Hazard Statement(s)

Flammable liquid and vapor
Causes skin irritation
Causes serious eye irritation
May damage fertility or the unborn child
Causes damage to central nervous system, kidneys, liver, and respiratory system.
May cause respiratory irritation
Causes damage to lungs, nervous system, and respiratory system through prolonged or repeated exposure.
Toxic to aquatic life with long lasting effects

Precautionary Statement(s)

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flame, and hot surfaces - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe gas, fumes, vapor, or spray. Do not eat, drink, or smoke when using this product. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment.

Response

In case of fire: Use appropriate media for extinction. IF exposed or concerned: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Collect spillage.

Storage

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

* * *Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS* * *

CAS	Component	Percent
142-82-5	Heptane/Mineral Spirits	5-15
64742-95-6	Solvent naphtha (petroleum), light arom.	10-25%
8042-47-5	Mineral Oil	3-10
Mixture	Proprietary Hydrocarbon Resins	10-30
Mixture	Proprietary Elastomers	10-30
14808-60-7	Crystalline Silica	10-15

* * *Section 4 - FIRST-AID MEASURES* * *

Description of Necessary Measures

Inhalation

IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Remove contaminated clothing, jewelry, and shoes immediately. Wash contaminated clothing before reuse.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

If a large amount is swallowed, get immediate medical attention.

Most Important Symptoms/Effects

Acute

respiratory tract irritation skin irritation eye irritation central nervous system damage kidney damage liver damage respiratory system damage

Delayed

lung damage nervous system damage respiratory system damage reproductive effects

Indication of Immediate Medical Attention and Special Treatment Needed, If Needed

Treat symptomatically and supportively.

* * *Section 5 - FIRE-FIGHTING MEASURES* * *

Suitable Extinguishing Media

Use carbon dioxide, regular dry chemical, regular foam or water.

Unsuitable Extinguishing Media

None known.

Special Hazards Arising from the Chemical

Hazardous Combustion Products

Combustion: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Special Protective Equipment and Precautions for Firefighters

Flammable liquid and vapor.

Fire Fighting Measures

Move material from fire area if it can be done without risk. Cool containers with water. Avoid inhalation of vapors or combustion by-products. Use extinguishing agents appropriate for surrounding fire. Dike for later disposal. Stay upwind and keep out of low areas.

Protective Equipment and Precautions for Firefighters

Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products.

* * *Section 6 - ACCIDENTAL RELEASE MEASURES* * *

Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8. Keep unnecessary people away, isolate hazard area and deny entry. Only personnel trained for the hazards of this material should perform clean up and disposal. Avoid release to the environment.

Methods and Materials for Containment and Cleaning Up

Eliminate all ignition sources if safe to do so. Ventilate the area. Stop leak if possible without personal risk. Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal. Avoid release to the environment.

* * *Section 7 - HANDLING AND STORAGE* * *

Precautions for Safe Handling

Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks and flame. Take precautionary measures against static discharge. Do not breathe vapor or mist. Avoid contact with skin and eyes. Do not eat, drink, or smoke when using this product. Always wear recommended personal protective equipment. Wear personal protective clothing and equipment, see Section 8. Wash thoroughly after handling.

Conditions for Safe Storage, including any Incompatibilities

Store and handle in accordance with all current regulations and standards. Store in a well-ventilated area. Keep container tightly closed. Keep cool. Keep separated from incompatible substances.

Incompatibilities: strong oxidizing materials

* * *Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION* * *

Component Exposure Limits

Xylenes (o-, m-, p- isomers) (1330-20-7)

ACGIH: 100 ppm TWA
150 ppm STEL
OSHA: 100 ppm TWA; 435 mg/m3 TWA
Mexico 100 ppm TWA LMPE-PPT; 435 mg/m3 TWA LMPE-PPT
150 ppm STEL [LMPE-CT]; 655 mg/m3 STEL [LMPE-CT]

Ethylbenzene (100-41-4)

ACGIH: 20 ppm TWA
150 ppm STEL
OSHA: 435 mg/m3 TWA,100ppm

HEPTANE (142-82-5)
TWA 500 [ppm], TWA 2100 [mg/m³] STEL 500 [ppm] STEL [mg/m³] Source TRGS 900 DE

Mineral Oil (8042-47-5)

ACGIH: 435 mg/m3 8 hours TWA
Inhalable Fraction

OSHA: 5 mg/m3 8 hours TWA

Proprietary Elastomers (Mixture)

TWA: 3 mg/m3
Respirable Fraction

Crystalline Silica (14808-60-7)

ACGIH: 0.025 mg/m3 TWA (respirable dust)
NIOSH: 0.05 mg/m3 TWA (respirable dust)
OSHA: 10 mg/m3 %SiO2 + 2 TWA (respirable dust)
30 mg/m3 %SiO2 + 2 TWA (total dust)

Appropriate Engineering Controls

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

Eyes/Face Protection

Wear splash resistant safety goggles with a faceshield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin Protection

Wear appropriate chemical resistant clothing.

Glove Recommendations

Wear appropriate chemical resistant gloves.

Respiratory Protection

Use an approved respirator if exposure limits are exceeded or if irritation develops or persists.

* * *Section 9 - PHYSICAL AND CHEMICAL PROPERTIES* * *

Physical State:	Liquid	**Appearance:**	paste
Color:	varies	**Physical Form:**	paste
Odor:	Hydrocarbon odor	**Odor Threshold:**	Not available
pH:	Not available	**Melting Point:**	Not available
Boiling Point:	Undetermined	**Decomposition:**	Not available
Flash Point:	>38 °C (>100.4 °F)	**Evaporation Rate:**	Not available
OSHA Flammability Class:	Not available	**Vapor Pressure:**	Not available
Vapor Density (air = 1):	3.5	**Density:**	Not available
Specific Gravity (water = 1):	1.2-1.4	**Water Solubility:**	Negligible
Log KOW:	Not available	**Coeff. Water/Oil Dist:**	Not available
KOC:	Not available	**Auto Ignition:**	Not available
Viscosity:	varies	**VOC:**	320 g/l EPA method 24
Volatility:	Not available	**Molecular Formula:**	Not available

* * *Section 10 - STABILITY AND REACTIVITY* * *

Reactivity

No reactivity hazard is expected.

Chemical Stability

Stable at normal temperatures and pressure.

Possibility of Hazardous Reactions

Will not polymerize.

Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

Incompatible Materials

strong oxidizing materials

Hazardous Decomposition Products

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Hazardous Decomposition

Combustion: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

* * *Section 11 - TOXICOLOGICAL INFORMATION* * *

Acute Toxicity

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Solvent naphtha, petroleum, light aromatic (64742-95-6)

Oral LD50 Rat 8400 mg/kg

Dermal LD50 Rabbit >2000 mg/kg

Inhalation LC50 Rat 3400 ppm 4 h

1,3,5-Trimethylbenzene (108-67-8)

LD50 oral rat 5000 mg/m³ Based on1,2,4-trimethylbenzene LD50 dermal rabbit > 3160 mg/kg Based on 1,2,4-trimethylbenzene LC50 inhalation rat 24 mg/l/4h (Exposure time: 4 h)

HEPTANE (142-82-5)

Dermal LD50 Rabbit >2000 mg/kg; Inhalation LC50 Rat 29.29 mg/L 4 h; Oral LD50 Rat 5000 mg/kg

Mineral Oil (8042-47-5)
Oral LD50 Rat >5000 mg/kg

Information on Likely Routes of Exposure

Inhalation

May be harmful if inhaled. May cause respiratory irritation. May cause irritation and central nervous system effects including nausea, headache, dizziness, fatigue, drowsiness or unconsciousness.

Ingestion

May be harmful if swallowed.

Skin Contact

May cause irritation of the skin. May cause irritation, redness, itching and burning.

Eye Contact

May cause irritation of the eyes. Contact may cause tearing, redness, a stinging or burning feeling, swelling, and blurred vision.

Immediate Effects

respiratory tract irritation, skin irritation, eye irritation, central nervous system damage, kidney damage, liver damage, respiratory system damage

Delayed Effects

lung damage, nervous system damage, respiratory system damage

Medical Conditions Aggravated by Exposure

skin disorders,eye disorders

Irritation/Corrosivity Data

Causes skin, eye and respiratory irritation.

Respiratory Sensitization

No information available for the product.

Dermal Sensitization

No information available for the product.

Germ Cell Mutagenicity

No information available for the product.

Component Carcinogenicity

Xylenes (o-, m-, p- isomers) (1330-20-7)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

IARC: Monograph 71 [1999]; Monograph 47 [1989] (Group 3 (not classifiable))

Reproductive Toxicity

No information available for the product.

Specific Target Organ Toxicity - Single Exposure

central nervous system, kidneys, liver, respiratory system

Specific Target Organ Toxicity - Repeated Exposure

lungs

Aspiration Hazard

No information available for the product.

* * *Section 12 - ECOLOGICAL INFORMATION* * *

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Component Analysis - Aquatic Toxicity

Solvent naphtha, petroleum, light aromatic 64742-95-6

Fish: LC50 96 h Oncorhynchus mykiss 9.22 mg/L

Invertebrate: EC50 48 h Daphnia magna 6.14 mg/L IUCLID

NAPTHA (142-82-5)

LL50 5.7 mg/l rainbow trout (Oncorhynchus mykiss) 96 h

EL50 3.9 mg/l daphnia magna 48 h

Persistence and Degradability

No information available for the product.

Bioaccumulation

No information available for the product.

Mobility

No information available for the product.

Biodegradation

No information available for the product.

* * *Section 13 - DISPOSAL CONSIDERATIONS* * *

Disposal Methods

Dispose in accordance with all applicable federal, state/regional and local laws and regulations. Subject to disposal regulations: U.S. EPA 40 CFR 262. Hazardous Waste Number(s): D001.

Disposal of Contaminated Packaging

Dispose of properly. Recycle if possible.

* * *Section 14 - TRANSPORT INFORMATION* * *

US DOT Information

Shipping Name: ADHESIVES containing flammable liquid, Mixture (Contains: Xylene)
UN/NA #: UN1133 **Hazard Class:** 3 **Packing Group:** II
Required Label(s): 3

TDG Information

Shipping Name: ADHESIVES containing flammable liquid, Mixture (Contains: Xylene)
UN #: UN1133 **Hazard Class:** 3 **Packing Group:** II
Required Label(s): 3

* * *Section 15 - REGULATORY INFORMATION* * *

U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

None of the ingredients is listed.

TSCA Status: Crystalline silica (quartz) appears on the EPA TSCA inventory under the CAS No. 14808-60-7. RCRA: This product is not classified as a hazardous waste under the Resource Conservation and Recovery Act, or its regulations, 40 CFR §261 et seq. CERCLA: Crystalline silica (quartz) is not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 40 CFR §302.

SARA 311/312 Hazardous Categories

Acute Health: Yes **Chronic Health:** Yes **Fire:** Yes **Pressure:** No **Reactive:** No

State Regulations

The following components appear on one or more of the following state hazardous substances lists:

None of the ingredients is listed.

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.

Component Analysis - Inventory

* * *Section 16 - OTHER INFORMATION* * *

Summary of Changes

New SDS: 1.00

NFPA Ratings: Health: 2 **Fire:** 3 **Reactivity:** 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of LIsts™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

Other Information

The information contained herein is based on data considered accurate which has been obtained from other companies and organizations.

End of Sheet MAN-011