

Product or Chemical Name

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Revision Date: 07/22/2020

Date of issue: 07/22/2020

Version:

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: MANNINGTON MR-101 ACRYLIC COVE BASE ADHESIVE

1.2. Intended Use of the Product

Use of the substance/mixture: Adhesive

1.3. Name, Address, and Telephone of the Responsible Party

Mannington Mills, Inc.

P.O. Box 30 – Route 45

75 Mannington Mills Road

Salem, New Jersey 08079 U.S.A.

General Information: (856) 935-3000

1.4. Emergency Telephone Numbers

: **Product/Medical Emergency Phone Number (24 Hours): (866) 359-5602**

Transport Emergency:

Within the U.S. - CHEMTREC: (800) 424-9300

Outside the U.S. – CHEMTREC: +1-703-527-3887

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

No specific hazards are encountered under normal product use, only when sufficiently dried and agitated to create dust.

Full text of H-phrases: see section 16

2.2. Label Elements

Code	Description
P202	Do not handle until all safety precautions have been read and understood.
P261.B	Avoid breathing dust.
P264.2	Wash skin thoroughly after handling.
P280.I	Wear protective gloves and eye protection.
P501.A	Dispose of contents/container in accordance with applicable regulations.

2.3. Other Hazards

None

This product contains crystalline silica (quartz sand). IARC has classified crystalline silica as a Group 1 carcinogen. Both IARC and NTP consider silica as a known human carcinogen. Evidence is based on the chronic and long-term exposure workers have had to respirable sized crystalline silica dust particles. Because this product is in liquid or paste form, it does not pose a dust hazard; therefore, this classification is not relevant. (Note: sanding and/or disturbing of the hardened product may create a silica dust hazard)

2.4. Unknown Acute Toxicity (GHS-US) None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Name	Product Identifier	%	Classification (GHS-US)
N/A			

3.2. Mixture

Name	Product Identifier	%	Classification (GHS-US)
Silica Sand	CAS: 14808-60-7	0.25-0.49	Carc. 1A, H350; STOT RE 1, H372

Full text of H-phrases: see section 16

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SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General:

First-aid Measures After Inhalation: Remove exposed person to fresh air and keep warm and at rest. Seek medical attention.

First-aid Measures After Skin Contact: Wash with plenty of water and soap.

First-aid Measures After Eye Contact: Rinse immediately with water for at least 15 minutes. Seek medical attention if irritation persists.

First-aid Measures After Ingestion: Do not induce vomiting, get medical attention immediately showing the SDS and the hazard label.

4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

No further relevant information available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Use fire fighting measures that suit the environment.

Unsuitable Extinguishing Media: None in particular.

5.2. Special Hazards Arising From the Substance or Mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Fire Hazard: None

Explosion Hazard: None

Reactivity: None

5.3. Advice for Firefighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Wear personal protection equipment. Remove persons to safety.

6.1.1. For Non-emergency Personnel

Protective Equipment: See sections 5 and 8

Emergency Procedures: See sections 5 and 8

6.1.2. For Emergency Responders

Protective Equipment: See sections 5 and 8

Emergency Procedures: See sections 5 and 8

6.2. Environmental Precautions

Dilute with plenty of water

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Methods for Cleaning Up: Wash area thoroughly with water. Dispose of contaminated material as waste in accordance with federal, state and local regulations.

6.4. Reference to Other Sections

See protective measures under sections 7, 8, and 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Avoid contact with skin and eyes, inhalation of vapors and mists.

Exercise the greatest care when handling or opening the container.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

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7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures:

Storage Conditions: Adequately ventilated premises.

Incompatible Products:

Storage Temperature: Store above 40F. Freeze-thaw stable up to five cycles at 20F.

7.3. Specific End Use(s)

No further relevant information available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Component	OEL Type	Country	Ceiling	Long Term mg/m3	Long Term ppm	Short Term mg/m3	Short Term ppm	Behavior	Note
Silica Sand	ACGIH			0.025					A2 - Suspected Human Carcinogen; lung cancer; pulmonary fibrosis;

8.2. Exposure Controls

Appropriate Engineering Controls	:	
Personal Protective Equipment	:	
Materials for Protective Clothing	:	
Hand Protection	:	Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.
Eye Protection	:	Use close fitting safety goggles, don't use wear contact lenses when using this product.
Skin and Body Protection	:	Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or Viton.
Respiratory Protection	:	Not necessary with adequate ventilation and using product under normal conditions
Environmental Exposure Controls	:	See Section 6
Consumer Exposure Controls	:	See Section 8

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	:	Liquid
Appearance	:	Paste Beige
Odor	:	Slightly latex like
Odor Threshold	:	Not Determined
pH	:	9.00
Evaporation Rate	:	same as water
Melting Point	:	Not Determined
Freezing Point	:	≈0 °C (32 °F)
Boiling Point	:	>100 °C (212 °F)
Flash Point	:	>100 °C (212 °F)
Auto-ignition Temperature	:	Not Self Igniting
Decomposition Temperature	:	Not Determined
Flammability (solid, gas)	:	Not Applicable
Vapor Pressure	:	23 hPa (17mmHg)
Relative Vapor Density at 20 °C	:	Not Determined
Relative Density	:	1.15 g/cm3
Specific Gravity	:	1.15 g/cm3
Solubility	:	Soluble in water
Partition Coefficient: N-Octanol/Water	:	Not Determined
Viscosity	:	Not Determined
Lower Flammable Limit	:	Not Determined
Upper Flammable Limit	:	Not Determined

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9.2. Other Information

VOC content : 40 g/L

SECTION 10: STABILITY AND REACTIVITY

- 10.1. **Reactivity:** Stable under normal conditions
- 10.2. **Chemical Stability:** No further relevant information available
- 10.3. **Possibility of Hazardous Reactions:** No dangerous reactions known
- 10.4. **Conditions to Avoid:** Stable under normal conditions
- 10.5. **Incompatible Materials:** No further relevant information available
- 10.6. **Hazardous Decomposition Products:** None

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Toxicological information of the mixture:

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological information on main components of the mixture:

Sodium hydroxide a) acute toxicity LD50 Skin Rabbit = 1350 mg/kg

Silica Sand a) acute toxicity LD50 Oral Rat = 500 mg/kg

Acute Toxicity: Not Determined

Skin Corrosion/Irritation: Not Determined

Serious Eye Damage/Irritation: May irritate eyes

Respiratory or Skin Sensitization: Not Determined

Germ Cell Mutagenicity: Not Determined

Carcinogenicity:

Substance(s) listed on the IARC Monographs:

Silica Sand Group 1

Substance(s) listed as OSHA Carcinogen(s):

Silica Sand

Substance(s) listed as NIOSH Carcinogen(s):

Silica Sand

Substance(s) listed on the NTP report on Carcinogens:

Silica Sand

Reproductive Toxicity: Not Determined

Specific Target Organ Toxicity (Single Exposure): Not Determined

Specific Target Organ Toxicity (Repeated Exposure): Not Determined

Aspiration Hazard: Not Determined

Symptoms/Injuries After Inhalation: Not Determined

Symptoms/Injuries After Skin Contact: Not Determined

Symptoms/Injuries After Eye Contact: Not Determined

Symptoms/Injuries After Ingestion: Not Determined

Chronic Symptoms: Not Determined

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

List of components with eco-toxicological properties

Quantity	Component	Ident. Numb.	Ecotox Infos
0.25-0.49%	Silica Sand	CAS: 14808-60-7	LC50 a) Aquatic acute toxicity carp > 10,000 mg/L 72h

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12.2. Persistence and Degradability Not Determined

12.3. Bioaccumulative Potential Not Determined

12.4. Mobility in Soil Not Determined

12.5. Other Adverse Effects Not Determined

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Sewage Disposal Recommendations: Do not flush to sewer or storm drains

Waste Disposal Recommendations: Do not flush to sewer or storm drains

Additional Information: Avoid release to the environment

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT

Proper Shipping Name : Not regulated for transport

Hazard Class : Not regulated for transport

Identification Number : Not regulated for transport

Label Codes : Not regulated for transport

Packing Group : Not regulated for transport

ERG Number : Not regulated for transport

14.2. In Accordance with IMDG

Proper Shipping Name : Not regulated for transport

Hazard Class : Not regulated for transport

Identification Number : Not regulated for transport

Packing Group : Not regulated for transport

Label Codes : Not regulated for transport

EmS-No. (Fire) : Not regulated for transport

EmS-No. (Spillage) : Not regulated for transport

MFAG Number : Not regulated for transport

14.3. In Accordance with IATA

Proper Shipping Name : Not regulated for transport

Packing Group : Not regulated for transport

Identification Number : Not regulated for transport

Hazard Class : Not regulated for transport

Label Codes : Not regulated for transport

ERG Code (IATA) : Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1 Regulatory Information

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory:

All the components are listed on the TSCA inventory

TSCA listed substances:

Silica Sand is listed in TSCA Section 8b

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances:

no substances listed

Section 304 - Hazardous substances:

no substances listed

Section 313 - Toxic chemical list:

no substances listed

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CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

no substances listed

CAA - Clean Air Act

CAA listed substances:

no substances listed

CWA - Clean Water Act

CWA listed substances:

no substances listed

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

Warning: This product may contain a chemical (s) known to the state of California to cause cancer and birth defects or other reproductive harm. Silica Sand Listed as carcinogen

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

Silica Sand

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

Silica Sand

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

Silica Sand

Canada - Federal regulations

DSL - Domestic Substances List

DSL Inventory:

All the substances are listed in the DSL.

NDSL - Non Domestic Substances List

NDSL Inventory:

no substances listed

NPRI - National Pollutant Release Inventory

Substances listed in NPRI:

no substances listed

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : July 22, 2020

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

CLP: Classification, Labeling, Packaging.

EINECS: European Inventory of Existing Commercial Chemical Substances.

INCI: International Nomenclature of Cosmetic Ingredients.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

GefStoffVO: Ordinance on Hazardous Substances, Germany.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

DNEL: Derived No Effect Level.

PNEC: Predicted No Effect Concentration.

TLV: Threshold Limiting Value.

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

WGK: German Water Hazard Class.

KSt: Explosion coefficient.

SDS US (GHS HazCom)