

V-82 Commercial Adhesive

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Revision Date: 3/16/2016 Date of issue: 4/27/2015

Version: 1

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form:

Product Name: V-82 Commercial 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)

Carc. 1A May cause cancer

Full text of H-phrases: see section 16

2.2. Label Elements



Danger

H350.1 May cause cancer.

P201 Obtain special instruction before use.

P202 Do not handle until all safety precautions have been read and understood.

P261.B Avoid breathing in dust if sanding product

P264.2 Wash skin thoroughly after handling

P280.I Wear protective gloves/protective clothing/eye protection/face protection.

P308-P313 If exposed or concerned get medical advice/attention.

P405 Store locked up.

P501.A Dispose of contents/container in accordance with applicable regulations.

GHS-US Labeling

Hazard Pictograms (GHS-US) :

Signal Word (GHS-US) :

Hazard Statements (GHS-US) : This product contains crystalline silica (quartz sand). IARC classified crystalline silica as 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 of the hardened product may create a silica dust hazard).

Precautionary Statements (GHS-US) :

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2.3. Other Hazards: None

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

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification

List of components

Name	Product Identifier	%	Classification (GHS-US)
Silica Sand	CAS-14808-60-7	0.1-1	Carc. 1A H350.A:STOT RE 1.H372.A

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General:

First-aid Measures After Inhalation: Remove casualty to fresh air and keep warm and at rest

First-aid Measures After Skin Contact: Immediately take off all contaminated clothing. Remove contaminated clothing immediately and dispose of safely. After contact, wash contacted skin and surrounding area with plenty of running water and soap. Wash thoroughly the body (shower or bath).

First-aid Measures After Eye Contact: Wash immediately with water

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

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

Symptoms/Injuries:

Symptoms/Injuries After Inhalation:

Symptoms/Injuries After Skin Contact:

Symptoms/Injuries After Eye Contact:

Symptoms/Injuries After Ingestion:

Chronic Symptoms:

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed: In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible)

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water, Carbon dioxide (CO₂)

Unsuitable Extinguishing Media: None in particular

5.2. Specific Hazards Arising from the Substance or Mixture:

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: N.A.

Explosive properties: N.A.

Oxidizing properties: N.A.

Fire Hazard:

Explosion Hazard:

Reactivity:

5.3. Advice for Firefighters

Precautionary Measures Fire:

Firefighting Instructions:

Protection During Firefighting:

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.

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Other Information:

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures:

Wear personal protection equipment.

Remove Persons to safety.

See protective measures under point 7 and 8.

6.1.1. For Non-emergency Personnel

Protective Equipment:

Emergency Procedures:

6.1.2. For Emergency Responders

Protective Equipment:

Emergency Procedures:

6.2. Environmental Precautions

6.3. Methods and Material for Containment and Cleaning Up

Suitable material for taking up: absorbing material, organic, sand.

Wash with plenty of water.

For Containment:

Methods for Cleaning Up:

6.4. Reference to Other Sections

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 they 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.

Additional Hazards When Processed:

Hygiene Measures:

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Incomplete materials: None in particular.

Technical Measures:

Storage Conditions: Adequately ventilated premises.

Incompatible Products: None in particular

Storage Temperature: N.A.

7.3. Specific End Use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

List of components with OEL values

Component: Silica Sand

OEL Type Country: ACGIH

Long term mg/m³: 0.025

Note: A2 – Suspected Human, Carcinogen: lung, cancer, pulmonary fibrosis

8.1. Control Parameters

8.2. Exposure Controls

Appropriate Engineering Controls : N.A.

Personal Protective Equipment :

Materials for Protective Clothing :

Hand Protection : Use protective gloves that provides comprehensive protection, e.g. PVC, neoprene or rubber

Eye Protection : Use close fitting safety goggles, don't use eye lens.

Skin and Body Protection : Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton

Respiratory Protection : Use adequate protective respiratory equipment

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Environmental Exposure Controls :

Consumer Exposure Controls :

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Paste beige N.A.
Odor	: N.A.
Odor Threshold	: N.A.
pH	: N.A.
Evaporation Rate	: N.A.
Melting Point	: N.A.
Freezing Point	:
Boiling Point	: Not relevant
Flash Point	: Not relevant
Auto-ignition Temperature	: N.A.
Decomposition Temperature	: N.A.
Flammability (solid, gas)	: N.A.
Vapor Pressure	: N.A.
Relative Vapor Density at 20 °C	: N.A.
Relative Density	: N.A.
Specific Gravity	:
Specific gravity / density	:
Solubility	: Dispersible
Partition Coefficient: N-Octanol/Water	: N.A.
Viscosity	: N.A.
Lower Flammable Limit	: N.A.
Upper Flammable Limit	: N.A.

9.2. Other Information

Substance groups relevant properties N.A.

Miscibility N.A.

Fat Solubility N.A.

Conductivity N.A.

VOC content : 29 g/L

SECTION 10: STABILITY AND REACTIVITY

- 10.1. **Reactivity:** Stable under normal conditions
- 10.2. **Chemical Stability:** Data not available
- 10.3. **Possibility of Hazardous Reactions:** none
- 10.4. **Conditions to Avoid:** Stable under normal conditions
- 10.5. **Incompatible Materials:** None in particular
- 10.6. **Hazardous Decomposition Products:** None

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

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:

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

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Acute Toxicity: If not differently specified, the information required in the regulation and listed below must be considered as N.A.

acute toxicity
skin corrosion/irritation
serious eye damage/irritation
respiratory or skin sensitisation
germ cell mutagenicity
carcinogenicity
reproductive toxicity
STOT single exposure
STOT repeated exposure
aspiratin hazard

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 Carcinogen(s):

Silica Sand

Skin Corrosion/Irritation:

Serious Eye Damage/Irritation:

Respiratory or Skin Sensitization:

Germ Cell Mutagenicity:

Carcinogenicity:

Reproductive Toxicity:

Specific Target Organ Toxicity (Single Exposure):

Specific Target Organ Toxicity (Repeated Exposure):

Aspiration Hazard:

Symptoms/Injuries After Inhalation:

Symptoms/Injuries After Skin Contact:

Symptoms/Injuries After Eye Contact:

Symptoms/Injuries After Ingestion:

Chronic Symptoms:

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

Component: Silica Sand

Quantity: 0.1-1%

CAS: 14808-60-7

LC50 a) Aquatic acute toxicity carp > 10000.00000mg/L 72h

12.2. Persistence and Degradability N.A.

12.3. Bioaccumulative Potential N.A.

12.4. Mobility in Soil N.A.

12.5. Other Adverse Effects N.A.

Other Information :

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:

Waste must be handled in accordance with all federal, state, provincial, and local regulations. Consult authorities before disposal.

Sewage Disposal Recommendations:

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Waste Disposal Recommendations:

Additional Information:

SECTION 14: TRANSPORT INFORMATION

UN number

ADR-UN number: N/A

DOT-UN number: N/A

IATA-UN number: N/A

IMDG-UN number: N/A

UN proper shipping name

ADR-shipping name: N/A

DOT proper shipping name: N/A

IATA-Technical name: N/A

IMDG-Technical name: N/A

Transport Hazard class

ADR-Class: N/A

DOT-Hazard class: N/A

IATA-Class: N/A

IMDG-Class: N/A

Packing Group

ADR-Packing group: N/A

DOT-Packing group: N/A

IATA-Packing group: N/A

IMDG-Packing group: N/A

Environnemental Hazards

Marine pollutant: No

Environnemental pollutant : N/A

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code N/A

Special precautions

Department of Transportation (DOT):

DOT-Special provision: N/A

DOT Labels: N/A

DOT symbol: N/A

DOT Cargo aircraft: N/A

DOT Passenger aircraft: N/A

DOT Bulk: N/A

DOT Non-bulk: N/A

Road and Rail (ADR-RID):

ADR Label: N/A

ADR Hazard Identification number: N/A

ADR Tunnel restriction code: N/A

Air (IATA):

IATA Passenger aircraft: N/A

IATA Cargo aircraft: N/A

IATA label: N/A

IATA Subrisk: N/A

IATA Erg: N/A

IATA Special provisions: N/A

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Sea (IMDG):

IMDG-Stowage code: N/A

IMDG-Stowage note: N/A

IMDG-Subrisk: N/A

IMDG-Special provisions: N/A

IMDG-Page: N/A

IMDG-Label: N/A

IMDG-EMS: N/A

IMDG-MFAG: N/A

14.1. In Accordance with DOT

Proper Shipping Name : N/A

Hazard Class : N/A

Identification Number : N/A

Label Codes : N/A

Packing Group : N/A

ERG Number : N/A

14.2. In Accordance with IMDG

Proper Shipping Name : N/A

Hazard Class : N/A

Identification Number : N/A

Packing Group : N/A

Label Codes : N/A

EmS-No. (Fire) : N/A

EmS-No. (Spillage) : N/A

MFAG Number : N/A

14.3. In Accordance with IATA

Proper Shipping Name : N/A

Packing Group : N/A

Identification Number : N/A

/Hazard Class : N/A

Label Codes : N/A

ERG Code (IATA) : N/A

SECTION 15: REGULATORY INFORMATION

15.1 US 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.

CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act:

Substance listed under CERCLA:

No substance listed.

CAA – Clean Air Act

CAA listed substances:

No substance listed.

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CWA - Clean Water Act - listed substance:

No substance listed.

USA – State specific regulations

California Proposition 65

Substance listed under California Proposition 65:

Silica Sand.

Listed as carcinogen.

Massachusetts right to know:

Substance listed under Massachusetts right to know:

Silica Sand

Pennsylvania Right to know:

Substance listed under Pennsylvania Right to know:

Silica Sand.

New Jersey Right to know:

Substance listed under New Jersey right to know:

Silica Sand

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

Code: H350.1 Description: May cause cancer.

Code: H350.A Description: May cause cancer if inhaled

Code: H372.A Description: Causes damage to organs through prolonged or repeated exposure if inhaled

Safety date sheet dated: 4/27/2015 – version 1

Product code 2223

Additional classification information



HMIS health: 2 = MODERATE

HMIS Flammability: 0 = Not Combustible

HMIS Reactivity: 0 = Minimal

HMIS P.P.E: Safety glasses, gloves

NFPA Health 2 = Moderate

NFPA Flammability: 0 = Not combustible

NFPA Reactivity: 0 = Minimal

NFPA Special Risk: None

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 Labelling 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.

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DNEL: Derived No Effect Level.

PNEC: Predicted No Effect Concentration.

TLV: Threshold Limiting Value.

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

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

WGK: German Water Hazard Class.

KSt: Explosion Coefficient.

Revision Date : 3/16/2016

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.

SDS US (GHS HazCom)