

SECTION 1: Identification**1.1. Identification**

Product form : Mixture
 Product name : SilkeMat Rigidizer

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Fiber Mold Hardener

1.3. Supplier

Glas Tile Inc
 411 N Cedar St
 Greensboro, NC 27401
 T 336-292-3756

1.4. Emergency telephone number

Emergency number : 336-580-7063 (M-F 8:00am - 5pm EST)

SECTION 2: Hazard(s) identification**2.1. Classification of the substance or mixture****GHS-US classification**

Not classified

2.2. GHS Label elements, including precautionary statements**GHS-US labelling**

No labelling applicable

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Quartz	(CAS-No.) 14808-60-7	< 0.50	Carc. 1A, H350 (respirable dust) STOT RE 1, H372 (respirable dust)

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures**4.1. Description of first aid measures**

First-aid measures after inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use. Rinse with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use. Call a POISON CENTER or doctor/physician if you feel unwell

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/injuries after inhalation : Dust can be generated during sanding of the cured product. Dust from this product may cause respiratory irritation.

Symptoms/injuries after skin contact : Dust can be generated during sanding of the cured product. Dust may cause mechanical irritation.

Symptoms/injuries after eye contact : Dust can be generated during sanding of the cured product. Dusts are mechanical irritants. May cause moderate irritation, including burning sensation, tearing, redness or swelling.

SilkeMat Rigidizer

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Non-combustible material. Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media : None known.

5.2. Specific hazards arising from the chemical

Fire hazard : Non combustible. Hazardous decomposition products: None known.
Explosion hazard : Product is not explosive.
Reactivity : Stable under normal conditions.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering the environment.
Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with spilled material.

6.1.1. For non-emergency personnel

Emergency procedures : Stop leak if safe to do so.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Stop leak if safe to do so. Ventilate area.

6.2. Environmental precautions

No special environmental precautions required.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage.

6.4. Reference to other sections

Refer to sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide local exhaust or general room ventilation.
Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container closed when not in use.
Incompatible materials : None known.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Quartz (14808-60-7)		
ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
OSHA	OSHA PEL (TWA) (mg/m ³)	50 µg/m ³
OSHA	Remark (OSHA)	(3) See Table Z-3.
IDLH	US IDLH (mg/m ³)	50 mg/m ³ (respirable dust)
NIOSH	NIOSH REL (TWA) (mg/m ³)	0.05 mg/m ³ (respirable dust)

SilkeMat Rigidizer

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

8.2. Appropriate engineering controls

Appropriate engineering controls : None reasonable foreseeable.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Not required for normal conditions of use. Wear protective gloves if cleaning up spilled material or if sanding cured product.

Eye protection:

Not required for normal conditions of use. Chemical goggles or safety glasses if cleaning up spilled material or if sanding cured product.

Respiratory protection:

Not required for normal conditions of use. Wear dust mask if sanding cured product.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Grayish, brown
Odor	: Characteristic
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Nont applicable
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

None known.

SilkeMat Rigidizer

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

Quartz (14808-60-7)

IARC group	1 - Carcinogenic to humans
National Toxicity Program (NTP) Status	Known Human Carcinogens
In OSHA Hazard Communication Carcinogen list	Yes
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Likely routes of exposure	: Ingestion. Inhalation. Skin and Eye contact.
Symptoms/injuries after inhalation	: Dust can be generated during sanding of the cured product. Dust from this product may cause respiratory irritation.
Symptoms/injuries after skin contact	: Dust can be generated during sanding of the cured product. Dust may cause mechanical irritation.
Symptoms/injuries after eye contact	: Dust can be generated during sanding of the cured product. Dusts are mechanical irritants. May cause moderate irritation, including burning sensation, tearing, redness or swelling.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Mixture not tested. The product components are not classified as environmentally hazardous.

12.2. Persistence and degradability

SilkeMat Rigidizer

Persistence and degradability	Not established.
-------------------------------	------------------

12.3. Bioaccumulative potential

SilkeMat Rigidizer

Bioaccumulative potential	Not established.
---------------------------	------------------

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on global warming	: No known effects from this product.
GWPmix comment	: No known effects from this product.
Other information	: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.

SilkeMat Rigidizer

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International regulations

CANADA

Quartz (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Quartz (14808-60-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Quartz (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed as carcinogen on NTP (National Toxicology Program)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on Turkish inventory of chemical
Listed on the TCSI (Taiwan Chemical Substance Inventory)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

Date of Issue : 2 January 2018

Other information : None.

Full text of H-statements:

H350	May cause cancer.
H372	Causes damage to organs through prolonged or repeated exposure.

SDS US (GHS HazCom 2012)

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