

Epoxy.com Product #82 Self Leveling Mortar Aggregate



HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PPE	X

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1. Product and Company Identification

Product Code: Product #82

Name: Manufacturer Epoxy.com Product #82 Self Leveling Mortar Aggregate

Information

Company Name: Epoxy Systems, Inc.
20774 W Pennsylvania Ave
Dunnellon, FL 34431

Phone Number: 352-489-1666

Emergency Contact: PERS (USA) (800) 633 8253

Alternate Emergency Contact: PERS (International) +1 (801) 629-0667

Intended Use: Industrial floor coatings.

2. Hazards Identification

GHS Classification	Placard	Key word	GHS hazard phrase
Carcinogenicity, Category 1A	Health hazard	Danger	May cause cancer
Target Organ Systemic Toxicity (single exposure), Category 3	Exclamation point	Warning	May cause respiratory irritation, or may cause drowsiness and dizziness
Target Organ Systemic Toxicity (repeated exposure), Category 1	Health hazard	Danger	Causes damage to organs (lungs/respiratory system) through prolonged or repeated exposure.

GHS Hazard Phrases

H350i - May cause cancer by inhalation.
H335 - May cause respiratory irritation.
H372 - Causes damage to organs (lungs/respiratory system) through prolonged or repeated exposure.

GHS Precaution Phrases

P202 - Do not handle until all safety precautions have been read and understood.
P281 - Use personal protective equipment as required.
P271 - Use only outdoors or in a well-ventilated area.
P270 - Do not eat, drink or smoke when using this product.
P264 - Wash hands/arms thoroughly after handling.
P260 - Do not breathe dust.

GHS Response Phrases

P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P342 - If experiencing respiratory symptoms: P315 - Get immediate medical advice/attention.

GHS Storage and Disposal Phrases

P501 - Dispose of contents/container to local, state, and federal authority requirements.

Potential Health Effects (Acute and Chronic)

Prolonged exposure may cause dermatitis & skin cracking. Prolonged exposure to respirable free silica can aggravate other lung conditions and cause silicosis, a disabling and potentially fatal lung disease.

Inhalation

Irritating to the nose, throat and respiratory tract. May cause damage to lungs through prolonged or repeated exposure. Prolonged exposure to respirable free silica can aggravate other lung conditions and cause silicosis, a disabling and potentially fatal lung disease. May cause cancer (Inhalation).

Skin Contact

Repeated exposure may cause skin dryness or cracking.

Eye Contact

Irritating, and may injure eye tissue if not removed promptly.

Ingestion

Irritating to mouth, throat and stomach. May cause vomiting.

Medical Conditions Generally Aggravated By Exposure

Skin disorders, Respiratory disorders, Eye disorders, Skin Allergies.

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Quartz	14808-60-7	> 80 %
2. Fibrous glass	65997-17-3	< 20 %

4. First Aid Measures

Emergency and First Aid Procedures**In Case of Inhalation**

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.

In Case of Skin Contact

Remove contaminated clothing and shoes. Brush off loose particles from skin. Rinse cautiously with water for several minutes.

In Case of Eye Contact

Hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

In Case of Ingestion

If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Signs and Symptoms Of Exposure

May cause skin, eye, and respiratory irritation. May cause rash on skin, and redness in eyes. May cause coughing by inhalation.

5. Fire Fighting Measures

Flash Pt: NP

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: NP

Fire Fighting Instructions

Product will not support combustion as supplied.

Flammable Properties and Hazards

Will not support combustion.

Hazardous Combustion Products

None known.

Suitable Extinguishing Media

Product will not burn, but packaging will burn in a fire.

Unsuitable Extinguishing Media

Will not support combustion.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

Use personal protective equipment. Vacuum or sweep up material and place into a suitable disposal container. Collect dry material using a scoop. Avoid actions that cause dust to become airborne. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Do not flush to sewer.

Protective Precautions, Protective Equipment and Emergency Procedures

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 149) respirator. Wear safety glasses with side shields or goggles to avoid contact with the eyes. In extremely dusty environments and unpredictable environments, wear tight-fitting unvented or indirectly vented goggles to avoid eye irritation or injury.

Environmental Precautions

Avoid release to the environment.

7. Handling and Storage

Hazard Label Information:

Protect from moisture. Wash thoroughly after handling. Store in a dry place. Do not get on skin and clothing.

Precautions To Be Taken in Handling

Wear all personal protection required in section 8. Do not rely on your sight to determine if dust is in the air. Respirable crystalline silica dust may be in the air without a visible dust cloud. Wear appropriate personal protective equipment, avoid direct contact. Do not breathe dust. Avoid contact with skin, eyes, and clothing. Minimize dust generation and accumulation.

Precautions To Be Taken in Storing

Handle and store in a manner so that airborne dust does not exceed applicable exposure limits. Use adequate ventilation and dust collection.

Other Precautions

Store in a closed container.

8. Exposure Controls/Personal Protection

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits
1. Quartz	14808-60-7	8825 ppm/(%SiO ₂ +5)	0.05 mg/m ³ (R)	No data.
2. Fibrous glass	65997-17-3	No data.	1 f/cc (fibers)	No data.

Protective Equipment Summary - Hazard Label Information:

NIOSH/MSHA approved respirator Rubber or neoprene gloves Splash proof safety goggles Impervious clothing. Contact lenses should not be worn.

Respiratory Equipment (Specify Type)

Use local exhaust or general dilution ventilation to control dust levels below applicable exposure limits. Use appropriate NIOSH approved respiratory protection for respirable crystalline silica.

Eye Protection

Wear safety glasses with side shields or goggles to avoid contact with the eyes. In extremely dusty environments and unpredictable environments, wear tight-fitting unvented or indirectly vented goggles to avoid eye irritation or injury. Contact lenses should not be worn.

Protective Gloves

Impervious gloves.

Other Protective Clothing

Impervious clothing.

Engineering Controls (Ventilation etc.)

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Good general ventilation should be sufficient to control airborne levels.

Work/Hygienic/Maintenance Practices

Wash thoroughly after handling. Wash hands before breaks and at the end of workday. Wash contaminated clothing before reuse.

Environmental Exposure Controls

Avoid runoff into storm sewers and ditches which lead to waterways.

9. Physical and Chemical Properties

Physical States: Gas Liquid Solid

Melting Point: No data.

Boiling Point: No data.

Autoignition Pt: NP

Flash Pt: NP

Specific Gravity (Water = 1): ~ 2.6

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Evaporation Rate: No data.

Solubility in Water: No data.

Solubility Notes

Insoluble.

Percent Volatile: N.A.

Appearance and Odor

White. Granular.

10. Stability and Reactivity

Stability: Unstable Stable

Conditions To Avoid - Instability

None known.

Incompatibility - Materials To Avoid

Avoid: Strong oxidizing agents.

Hazardous Decomposition Or Byproducts

No data available.

Possibility of Hazardous Polymerization: Will occur Will not occur

Conditions To Avoid - Hazardous Reactions

Product will not undergo polymerization.

11. Toxicological Information

Toxicological Information

May cause breathing disorders and lung damage. May cause cancer by inhalation.

Chronic Toxicological Effects

Respirable crystalline silica (quartz) can cause silicosis, a fibrosis (scarring) of the lungs. Silicosis may be progressive; it may lead to disability and death.

Irritation or Corrosion

Causes eye, skin, and respiratory irritation.

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Symptoms related to Toxicological Characteristics

Symptoms will include progressively more difficult breathing, cough, fever, and weight loss.

Carcinogenicity/Other Information

IARC Group: Group 1.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Quartz	14808-60-7	Known	1	A2	n.a.
2. Fibrous glass	65997-17-3	n.a.	n.a.	n.a.	n.a.

12. Ecological Information**Persistence and Degradability**

Not readily biodegradable.

Bioaccumulative Potential

Not expected to bioaccumulate.

13. Disposal Considerations**Waste Disposal Method**

Dispose of this product, product solutions and its container according to federal, state and local authority requirements.

14. Transport Information**LAND TRANSPORT (US DOT)****DOT Proper Shipping Name**

Not Regulated.

Precautionary Label

Read product SDS and all labels before use. Wear all required personal protection. May cause skin, eye, and respiratory irritation. Ventilation is normally required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Collect dry material using a scoop. Avoid actions that cause dust to become airborne.

AIR TRANSPORT (ICAO/IATA)**ICAO/IATA Shipping Name**

Not Regulated.

MARINE TRANSPORT (IMDG/IMO)**IMDG/IMO Shipping Name**

Not Regulated.

15. Regulatory Information**US EPA SARA Title III**

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. Quartz	14808-60-7	No	No	No	No
2. Fibrous glass	65997-17-3	No	No	No	No

Regulatory Information

SARA Section 311/312: Acute, Chronic Health Hazard.

16. Other Information

CA=CIRCA NA=NOT AVAILABLE NE=NOT ESTABLISHED NR=NOT REGULATED NP= NOT APPLICABLE PR=PROPRIETARY TS=TRADE SECRET ?=UNKNOWN.

The information contained in this MSDS is taken from sources believed to be accurate as of the date hereof; however Epoxy Systems, Inc. makes no expressed or implied warranty in respect to the accuracy of the information or the suitability of the recommendations, and assumes no liabilities to any user thereof.

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