

### Section 1: Product and Company Identification

**Product Name:** Terroxy<sup>®</sup> Resin Systems — Urethane Concrete, Part C

**Product Use Description:** Curing Agent, Epoxy

**Company:** Terrazzo & Marble Supply Companies  
77 South Wheeling Road  
Wheeling, Illinois 60090

**Telephone:** 847.353.8000  
**Emergency Telephone:** 800.424.9300 - USA  
01.703.527.3887 - International

### Section 2: Hazards Identification

**Classification of the mixture:** Resp. Sens – Category 3  
Skin sensitization – Category 2  
Serious eye damage – Category 1  
Carcinogenicity – Category 1

**Classification according to Regulation (EC) No 1272/2008**

**GHS Label elements:**

**Hazard Pictogram:**



**Signal Word:** Danger

**Hazard Statements:** H350 May cause cancer  
H318 Causes serious eye damage  
H315 Causes skin irritation  
H 335 May cause respiratory irritation

**Precautionary Statements:** P261 Do not breathe dust/fume/gas/mist/vapors/spray  
P284 In case of inadequate ventilation wear respiratory protection  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P304+P340 If inhaled: remove victim to fresh air and keep at rest in a position comfortable for breathing  
P302+P352 If on skin: Wash with plenty of water  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations

**Other hazards not classified:** None Known

### Section 3: Composition / Information on Ingredients

This product is a mixture.

Component	CAS#	Amount
Quartz, SiO <sub>2</sub>	14808-60-7	>50%
Portland Cement	65997-15-1	>15%

N/E - Not Established  
 ALL ingredients are registered on TSCA  
 The remaining components are trade secret.

Substances listed are present in concentration of 1% or greater, or 0.1% if cited as a potential Carcinogen in the OSHA Hazards communication Standard. Where proprietary ingredient is listed, the identity is available as provided in 29 CFR 1910.1200.

### Section 4: First Aid Measures

- General advice:** Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
- Eye contact:** Flush eyes with plenty of water for at least 15 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.
- Skin contact:** Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay. Initiate and maintain gentle and continuous irrigation until the patient receives medical care. Cover wound with sterile dressing. Take off contaminated clothing and shoes immediately.
- Ingestion:** Rinse mouth and then drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victim's head to the side.
- Inhalation:** Move to fresh air.

### Section 5: Fire Fighting Measures

- Suitable extinguishing media:** Alcohol-resistant foam  
 Carbon dioxide (CO<sub>2</sub>)  
 Dry chemical  
 Water Spray
- Specific hazards:** Carbon dioxide, carbon monoxide, fumes
- Special protective equipment for fire-fighters:** Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.
- Further information :** No data available

## Section 6: Accidental Release Measures

- Personal precautions:** Use self-contained breathing apparatus and chemically protective clothing. Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas.
- Environmental precautions:** Do not discharge into drains/surface waters/groundwater..
- Methods for cleaning up:** Sweep material without creating dust. Shovel into open container.
- Additional advice:** Contact Terrazzo and Marble Response Center for advice. Place in appropriate chemical waste container.

## Section 7: Handling and Storage

- Handling:** General advice: Avoid creating dust when using, use appropriate protective equipment. Protection against fire and explosion: No explosion proofing necessary.
- Storage:** Storage temperature: 50-95°F, protect against moisture.

## Section 8: Exposure Controls / Personal Protection

**Personal Protective Equipment:**

- Respiratory Protection:** For situations where the airborne concentrations may exceed the level for which an air purifying respirator is effective, or where the levels are unknown or Immediately Dangerous to Life and Health, use NIOSH-certified full face piece pressure demand self-contained breathing apparatus (SCBA) or a full face piece pressure demand supplied-air respirator (SAR) with escape provisions. When atmospheric levels may exceed the occupational exposure limit, NIOSH-certified air-purifying respirators equipped with an organic vapor sorbent and particulate filter can be used as appropriate precautions and change out schedules are in place.
- Ventilation:** Mechanical ventilation required if TLV is expected to be exceeded in confined areas.
- Hand Protection:** Recommend wearing disposable latex or nitrile gloves when mixing to protect against incidental contact. If continuous contact is expected, recommend butyl rubber gloves be worn.
- Eye Protection:** Wear safety glasses with side shields or safety goggles when handling this product. Do not wear contact lens. Have an eye wash station available.
- Skin and Body Protection:** Prevent contact with this product. Long sleeve shirts and trouser without cuffs and/or apron is recommended if splashing liquids exists. Other protective equipment may be needed depending on condition use.
- Exposure Limit:**

Chemical Name	OSHA PEL	ACGIH TLV
Quartz, SiO2	10mg/m3 (respirable)	0.025 mg/m3 (respirable)
Portland Cement	10mg/m3 (respirable)	1 mg/m3 (respirable)

## Section 9: Physical and Chemical Properties

<b>Form:</b>	Powder
<b>Color:</b>	Off White
<b>Odor:</b>	None
<b>Relative density:</b>	Not Established
<b>Vapor pressure:</b>	Not Established
<b>Density:</b>	Not Established
<b>V.O.C.</b>	Not Established
<b>pH:</b>	Not Established
<b>Boiling point/Range:</b>	Not Established
<b>Flash point:</b>	Not Established
<b>Water solubility:</b>	Not Established
<b>Viscosity:</b>	Not Established

## Section 10: Reactivity Data

<b>Stability :</b>	Stable under normal conditions.
<b>Conditions to Avoid:</b>	Moisture, excessive heat
<b>Materials to Avoid :</b>	Water
<b>Hazardous Decomposition Products:</b>	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ).
<b>Hazardous Polymerization:</b>	Will not occur.

## Section 11: Toxicological Information

### **Acute Health Hazard**

Inhalation:	Inhalation of dust may cause respiratory tract irritation. Symptoms of exposure may include cough, sore throat, nasal congestion, sneezing, wheezing and shortness of breath.
Oral:	Not Available
Dermal:	Not Available
Eye:	Causes serious eye damage

### **Primary Irritant Effect**

On the skin:	Causes skin irritation
On the eye:	Causes serious eye damage
Inhalation:	May cause respiratory irritation

### **Toxicology Summary :** Carcinogenic categories:

Sensitization: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Carcinogenicity: may cause cancer

IARC Group 1: carcinogenic to humans, Quartz, SiO<sub>2</sub>

Mutagenicity: not considered to be genotoxic

Reproductive toxicity: not considered hazardous to the reproduction

STOT-repeated exposure: Prolonged exposure can cause silicosis

## Section 12: Ecological Information

**Overview:** No ecological information available.

## Section 13: Disposal Considerations

### **Waste from residues / unused products:**

Dispose in an approved incinerator or an approved landfill. Contact supplier if guidance is required.

### **Contaminated packaging:**

Dispose of container and unused contents in accordance with federal, state, and local requirements.

## Section 14: Transport Information

Consult Bill of Lading for transportation information

**DOT:** Not Regulated

**IATA:** Not Regulated

## Section 15: Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200) Hazard Class(es) Corrosive. Sensitizer.

Country	Regulatory List	Notification
USA	TSCA	Included on Inventory
EU	EINECS	Included on Inventory
Canada	DSL	Included on Inventory
Australia	AICS	Included on Inventory
Japan	ENCS	Included on Inventory
South Korea	ECL	Included on Inventory
China	SEPA	Included on Inventory
Philippines	PICCS	Included on Inventory

EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification:

Acute Health Hazard

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level:

None.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65):

This product contains a chemical known in the state of California to cause cancer, birth defects or other reproductive harm.

WHMIS Hazard Classification:

Toxic Material Causing Other Toxic Effects, Corrosive Material

## Section 16: Other Information

### HMIS Rating

**Health:** 3  
**Flammability:** 0  
**Reactivity:** 0  
**Physical hazard:** C

Prepared by Terrazzo & Marble Supply Companies.

**Data and recommendations presented herein are based upon ours and other researchers and are believed to be accurate. The products discussed are distributed without warranty (expressed or implied) and the customer shall make his own determination of suitability for his particular purpose.**