

### Section 1: Product and Company Identification

**Product Name:** Terroxy<sup>®</sup> Resin Systems — Joint Filler Hardener, Part B

**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:** Skin corrosion – Category 1B  
Skin sensitization – Category 1  
Serious eye damage – Category 1  
Reproductive toxicity – Category 2  
Acute toxicity – Category 4

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

**GHS Label elements:**

**Hazard Pictogram:**



**Signal Word:** Warning

**Hazard Statements:** H302 Harmful if swallowed  
H314 Causes severe skin burns and eye damage  
H332 Harmful if inhaled  
H335 May cause respiratory irritation

**Precautionary Statements:** P261 Avoid breathing mist/vapors/spray  
P264 Wash hands and skin contact areas thoroughly after handling  
P272 Contaminated work clothing should not be allowed out of the workplace P273 Avoid release to the environment  
P280 Wear protective gloves/eye/face protection  
P301, P330, P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P301, P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
P303, P353, P361 IF ON SKIN: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower  
P305, P351, P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing  
P310: Immediately call a POISON CENTER or doctor/physician  
P333, P313 If skin irritation or rash occurs: Get medical advice/attention  
P362 Take off contaminated clothing and wash before reuse P391 Collect spillage  
P501 Dispose of content/container through a waste management company authorized by the local government

**Other hazards not classified:** None Known

### Section 3: Composition / Information on Ingredients

This product is a mixture.

Component	CAS#	Amount
Styrenated phenol	61788-44-1	> 25.0 - < 80.0%
Aromatic hydrocarbon	Trade secret	> = 2.0 - <= 75.0%
Aminoethylpiperazine	140-31-8	> = 1.5 - <= 15.0%

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. NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation.
- Ingestion:** 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 (CO2)  
 Dry chemical  
 Dry sand  
 Limestone powder
- Specific hazards:** May generate ammonia gas. May generate toxic nitrogen oxide gases. Use of water may result in the formation of very toxic aqueous solutions. Do not allow run-off from fire fighting to enter drains or water courses. Incomplete combustion may form carbon monoxide. Downwind personnel must be evacuated. Burning produces obnoxious and toxic fumes.
- Special protective equipment for fire-fighters:** Avoid contact with the skin. A face shield should be worn. Use personal protective equipment. Wear for fire-fighters: self contained breathing apparatus for fire fighting if necessary.
- Further information :** Do not allow run-off from fire fighting to enter drains or water courses.  
 OSHA Flammability Class: Combustible Class III B

## 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:** Construct a dike to prevent spreading.
- Methods for cleaning up:** Approach suspected leak areas with caution. Contact Terrazzo and Marble Response Center for advice. Place in appropriate chemical waste container.
- Additional advice:** If possible, stop flow of product. Avoid contact. Allow only personnel wearing goggles, neoprene or rubber gloves and protective clothing to clean up spill. In confined areas a full face respirator is recommended. Absorb spill with clay, diatomaceous earth or other absorbent materials. Place in disposal containers.

## Section 7: Handling and Storage

- Handling:** Avoid contact with eyes. Avoid contact with skin and eyes. Adhere to work practice rules established by government regulations. Use personal protective equipment. When using, do not eat, drink or smoke.
- Storage:** Do not store near acids. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not remove labels from empty containers. If mixtures of Part B and Part A are allowed to remain in the mixing container past the pot life deadline, heat and a strong reaction will result.
- Technical Measures /Precautions:** Do not store in reactive metal containers.

## Section 8: Exposure Controls / Personal Protection

**Personal Protective Equipment:**

- Respiratory Protection:** If vapor or mist is generated and the occupational exposure limit is exceeded, use appropriate NIOSH/MSHA approved self contained breathing equipment or a full face respirator. Respirators should be selected by and used following requirements found in OSHA's respirator standards (29 CFR 1910.134). Not required for properly ventilated areas.
- 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. Additionally, wear a face shield when the possibility of splashing liquid exists. 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
Styrenated phenol	Not Established	Not Established
Aromatic hydrocarbon	Not Established	Not Established
Aminoethylpiperazine	Not Established	Not Established

## Section 9: Physical and Chemical Properties

<b>Color:</b>	Clear
<b>Odor:</b>	Amine
<b>Odor Threshold:</b>	No Test Data Available
<b>pH:</b>	Not Applicable
<b>Melting Point:</b>	No Test Data Available
<b>Freezing Point:</b>	No Test Data Available
<b>Boiling Point (760 mmHg):</b>	Not Available
<b>Flash Point - Closed Cup:</b>	Not Available
<b>Flash Point - Open Cup:</b>	No Test Data Available
<b>Flammable Limits in Air:</b>	<b>Lower:</b> No Test Data Available <b>Upper:</b> No Test Data Available
<b>Vapor Pressure:</b>	No Data Available
<b>Vapor Density (air =1):</b>	Not Available
<b>Specific Gravity (H2O = 1):</b>	No Data Available
<b>Solubility in water (by weight):</b>	No Data Available
<b>Partition coefficient, n-octanol/water (log Pow):</b>	No Data Available. See Section 12 for individual component data.
<b>Autoignition Temperature:</b>	No Test Data Available
<b>Decomposition Temperature:</b>	No Test Data Available
<b>Dynamic Viscosity:</b>	No Test Data Available

## Section 10: Reactivity Data

<b>Stability:</b>	Stable under normal conditions.
<b>Conditions to Avoid:</b>	Contact with acids such as Hydrochloric or Sulfuric.
<b>Materials to Avoid:</b>	Sodium hypochlorite. Organic acids (i.e. acetic acid, citric acid etc.). Mineral acids. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion. Reactive metals (e.g. sodium, calcium, zinc etc.). Materials reactive with hydroxyl compounds. Oxidizing agents Epoxy resins under uncontrolled conditions.
<b>Hazardous Decomposition Products:</b>	Nitric acid Ammonia Nitrogen oxides (NOx) Nitrogen oxide can react with water vapors to form corrosive nitric acid. Carbon monoxide Carbon dioxide (CO2) Aldehydes Flammable hydrocarbon fragments (e.g., acetylene). When exposed to fire, oxides of Carbon and Nitrogen will be generated.
<b>Hazardous Polymerization:</b>	Will not occur.

## Section 11: Toxicological Information

### Acute Health Hazard

<b>Ingestion:</b>	LD50 : > 1,620 mg/kg
<b>Species:</b>	Rat
<b>Method:</b>	Estimated
<b>Inhalation:</b>	LC50 (1 h) : > 20 mg/l
<b>Species:</b>	Rat
<b>Method:</b>	Estimated
<b>Skin:</b>	LD50 : > 1,000 mg/kg
<b>Species:</b>	Rabbit
<b>Method:</b>	Estimated
<b>Eye irritation/corrosion:</b>	Severe eye irritation.
<b>Acute dermal irritation/corrosion:</b>	Severe skin irritation. Corrosive to the skin of a rabbit.
<b>Sensitization:</b>	May cause sensitization by skin contact.

### Chronic Health Hazard

The product or a component may be mutagenic, the data is inconclusive.

## Section 12: Ecological Information

### **Toxicity**

Data for Component: **Styrenated phenol**

No relevant data found.

Data for Component: **Aminoethylpiperazine**

Material is slightly toxic to aquatic organisms on an acute basis (LC50/EC50 between 10 and 100 mg/L in most sensitive species tested).

#### **Fish Acute & Prolonged Toxicity**

LC50, Pimephales promelas (fathead minnow), static test, 96 h: 2,190 mg/l

#### **Aquatic Invertebrate Acute Toxicity**

EC50, Daphnia magna (Water flea), static test, 48 h, immobilization: 58 mg/l

#### **Aquatic Plant Toxicity**

ErC50, Pseudokirchneriella subcapitata (green algae), Growth rate inhibition, 72 h: > 1,000 mg/l

Data for Component: **Hydrocarbon A**

Material is slightly toxic to aquatic organisms on an acute basis (LC50/EC50 between 10 and 100 mg/L in the most sensitive species tested). May increase pH of aquatic systems to > pH 10 which may be toxic to aquatic organisms.

#### **Fish Acute & Prolonged Toxicity**

LC50, Pimephales promelas (fathead minnow), static test, 96 h: 330 mg/l

## Section 12: Ecological Information (Continued)

**Aquatic Invertebrate Acute Toxicity**

EC50, Daphnia magna (Water flea), static test, 48 h, immobilization: 31.1 mg/l

**Aquatic Plant Toxicity**

EC50, Pseudokirchneriella subcapitata (green algae), semi-static test, Growth rate inhibition, 72 h: 20 mg/l

**Toxicity to Micro-organisms**

EC50; Bacteria, 16h: 680 mg/l

**Aquatic Invertebrates Chronic Toxicity Value**

Daphnia magna (Water flea), semi-static test, 21 d, number of offspring, NOEC: 1.9 mg/l

Data for Component: **Hydrocarbon B**

Material is slightly toxic to aquatic organisms on an acute basis (LC50/EC50 between 10 and 100 mg/L in the most sensitive species tested).

**Fish Acute & Prolonged Toxicity**

LC50, Fish, static test, 96 h: 772 mg/l

**Aquatic Invertebrate Acute Toxicity**

EC50, Daphnia magna (Water flea), semi-static test, 48 h, immobilization: 80 mg/l

**Aquatic Plant Toxicity**

EC50, algae, static test, biomass growth inhibition, 72 h: 15 mg/l

**Toxicity to Micro-organisms**

EC50, activated sludge test (OECD 209), Respiration inhibition, 3 h: 750 mg/l

Data for Component: **Hydrocarbon C**

Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 > 100 mg/L in the most sensitive species tested).

**Fish Acute & Prolonged Toxicity**

LC0, Fish, 96 h: 0.5 mg/l

**Aquatic Invertebrate Acute Toxicity**

EC50, Daphnia magna (Water flea), 48 h: > 0.16 mg/l

Data for Component: **Hydrocarbon D**

Material is slightly toxic to aquatic organisms on an acute basis (LC50/EC50 between 10 and 100 mg/L in the most sensitive species tested).

**Fish Acute & Prolonged Toxicity**

LC50, Pimephales promelas (fathead minnow), 96 h: 640 mg/l

**Aquatic Invertebrate Acute Toxicity**

EC50, Daphnia magna (Water flea), semi-static test, 48 h, immobilization: 22 mg/l

**Aquatic Plant Toxicity**

ErC50, Desmodesmus subspicatus (green algae), growth rate inhibition, 72 h: 353.6 mg/l

**Toxicity to Micro-organisms**

EC50; Bacteria, 16 h: 5,000 mg/l

Data for Component: **Hydrocarbon E**

Material is slightly toxic to aquatic organisms on an acute basis (LC50/EC50 between 10 and 100 mg/L in the most sensitive species tested).

**Fish Acute & Prolonged Toxicity**

LC50, Poecilia reticulata (guppy), semi-static test, 96 h: 430 mg/l

**Aquatic Invertebrate Acute Toxicity**

EC50, Daphnia magna (Water flea), semi-static test, 48 h, immobilization: 16 mg/l

**Aquatic Plant Toxicity**

ErC50, Pseudokirchneriella subcapitata (green algae), static test, growth rate inhibition, 72 h: 1,164 mg/l

**Toxicity to Micro-organisms**

EC50; Bacteria, static test, 16 h: 5,000 mg/l

Section 12: Ecological Information (Continued)

**Fish Chronic Toxicity Value (ChV)**

Fish, semi-static test, 28 d, growth, NOEC, NOEC: > 10 mg/l

**Aquatic Invertebrates Chronic Toxicity Value**

Daphnia magna (Water flea), semi-static test, 21 d, number of offspring, NOEC: 5.6 mg/l

Data for Component: **Hydrocarbon F**

Material is slightly toxic to aquatic organisms on an acute basis (LC50/EC50 between 10 and 100 mg/L in the most sensitive species tested).

**Fish Acute & Prolonged Toxicity**

LC50, Poecilia reticulata (guppy), semi-static test, 96 h: 640 mg/l

**Aquatic Invertebrate Acute Toxicity**

EC50, Daphnia magna (Water flea), semi-static test, 48 h, immobilization: 16.7 mg/l

**Aquatic Plant Toxicity**

EC50, Pseudokirchneriella subcapitata (green algae), static test, growth rate inhibition, 72 h: 645 mg/l

EbC50, Pseudokirchneriella subcapitata (green algae), biomass growth inhibition, 96 h: 151 mg/l

**Toxicity to Micro-organisms**

EC50; Bacteria, 16 h: 500 - 1,000 mg/l

**Fish Chronic Toxicity Value (ChV)**

Fish, 28 d, survival, NOEC, NOEC: > 10 mg/l

**Aquatic Invertebrates Chronic Toxicity Value**

Daphnia magna (Water flea), semi-static test, 21 d, number of offspring, NOEC: 0.16 mg/l

**Persistence and Degradability**

Data for Component: **Styrenated phenol**

No data available.

Data for Component: **Aminoethylpiperazine**

Material is not readily biodegradable according to OECD/EEC guidelines

**OECD Biodegradation Tests:**

Biodegradation	Exposure Time	Method	10 Day Window
0%	28 d	OECD 301F Test	Fail

**Indirect Photodegradation with OH Radicals**

Rate Constant	Atmospheric Half-life	Method
2.14E-10 cm <sup>3</sup> /s	0.05 d	Estimated.

**Chemical Oxygen Demand:** 1.84 mg/mg

**Theoretical Oxygen Demand:** 3.34 mg/mg

Data for Component: **Hydrocarbon A**

Biodegradation under aerobic static laboratory conditions is moderate (BOD20 or BOD28/ThOD between 10 and 40%).

**OECD Biodegradation Tests:**

Biodegradation	Exposure Time	Method	10 Day Window
0%	20 d	OECD 301D Test	Fail

**Biological oxygen demand (BOD):**

BOD 5	BOD 10	BOD 20	BOD 28
5.000 %		2.5 - 11 %	

**Theoretical Oxygen Demand:** 3.40 mg/mg

## Section 12: Ecological Information (Continued)

Data for Component: **Hydrocarbon B**

No appreciable biodegradation is expected.

**OECD Biodegradation Tests:**

Biodegradation	Exposure Time	Method	10 Day Window
0%	28 d	No information available.	Fail

Data for Component: **Hydrocarbon C**

Material is expected to be readily biodegradable.

Data for Component: **Hydrocarbon D**

Material is readily biodegradable. Passes OECD test(s) for ready biodegradability

**OECD Biodegradation Tests:**

Biodegradation	Exposure Time	Method	10 Day Window
> 97 %	28 d	OECD 301F Test	Pass

**Theoretical Oxygen Demand:** 2.77 mg/mg

Data for Component: **Hydrocarbon E**

Material is ultimately biodegradable (reaches > 70% biodegradation in OECD test(s) for inherent biodegradability). Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.

**OECD Biodegradation Tests:**

Biodegradation	Exposure Time	Method	10 Day Window
> 80 %	30 d	OECD 302A Test	Not applicable

**Indirect Photodegradation with OH Radicals**

Rate Constant	Atmospheric Half-life	Method
1.48E-10 cm <sup>3</sup> /s	0.87 h	Estimated.

**Biological oxygen demand (BOD):**

BOD 5	BOD 10	BOD 20	BOD 28
23.000 %	46.000 %	70.000 %	

**Theoretical Oxygen Demand:** 3.42 mg/mg

Data for Component: **Hydrocarbon F**

Material is readily biodegradable. Passes OECD test(s) for ready biodegradability

**OECD Biodegradation Tests:**

Biodegradation	Exposure Time	Method	10 Day Window
95 %	28 d	OECD 301C Test	Not applicable

**Theoretical Oxygen Demand:** 3.47 mg/mg

**Bioaccumulative potential**

Data for Component: **Styrenated phenol**

**Bioaccumulation:** No data available.

Data for Component: **Aminoethylpiperazine**

**Bioaccumulation:** Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

**Partition coefficient, n-octanol/water (log Pow):** -1.48 Measured

Data for Component: **Hydrocarbon A**

**Bioaccumulation:** Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

**Partition coefficient, n-octanol/water (log Pow):** -2.65 Estimated

Data for Component: **Hydrocarbon B**

**Bioaccumulation:** Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

**Partition coefficient, n-octanol/water (log Pow):** 1.34 Measured



## Section 12: Ecological Information (Continued)

### Data for Component: **Hydrocarbon C**

**Bioaccumulation:** Bioconcentration potential is moderate (BCF between 100 and 3000 or Log Pow between 3 and 5).

**Partition coefficient, n-octanol/water (log Pow):** >4

### Data for Component: **Hydrocarbon D**

**Bioaccumulation:** Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

**Partition coefficient, n-octanol/water (log Pow):** -1.46 Measured

**Bioconcentration Factor (BCF):** < 3.7; Cyprinus carpio (Carp); Measured

### Data for Component: **Hydrocarbon E**

**Bioaccumulation:** Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

**Partition coefficient, n-octanol/water (log Pow):** -1.58 Estimated

**Bioconcentration Factor (BCF):** < 0.3; Fish; Measured

### Data for Component: **Hydrocarbon F**

**Bioaccumulation:** Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

**Partition coefficient, n-octanol/water (log Pow):** -1.6 Measured

**Bioconcentration Factor (BCF):** < 0.07; Fish; Estimated

### Mobility in soil

#### Data for Component: **Styrenated phenol**

**Mobility in soil:** No data available.

#### Data for Component: **Aminoethylpiperazine**

**Mobility in soil:** Expected to be relatively immobile in soil (Koc > 5000).

**Partition coefficient, soil organic carbon/water (Koc):** 37,000 Estimated

**Henry's Law Constant (H):** 9.3E-09 atm\*m3/mole; 20 °C Estimated

#### Data for Component: **Hydrocarbon A**

**Mobility in soil:** Potential for mobility in soil is very high (Koc between 0 and 50).

**Partition coefficient, soil organic carbon/water (Koc):** 4.1 - 310 Estimated

**Henry's Law Constant (H):** 5.21E-10 atm\*m3/mole; 25 °C Estimated

#### Data for Component: **Hydrocarbon B**

**Mobility in soil:** No relevant data found.

**Henry's Law Constant (H):** 1.06E-19 atm\*m3/mole; 25 °C Estimated

#### Data for Component: **Hydrocarbon C**

**Mobility in soil:** No relevant data found.

#### Data for Component: **Hydrocarbon D**

**Mobility in soil:** Potential for mobility in soil is very high (Koc between 0 and 50)., Given its very low Henry's constant, volatilization from natural bodies of water or moist soil is not expected to be an important fate process.

**Partition coefficient, soil organic carbon/water (Koc):** 3.5 Estimated

**Henry's Law Constant (H):** 1.11E-08 Pa\*m3/mole; 25 °C Estimated

#### Data for Component: **Hydrocarbon E**

**Mobility in soil:** Expected to be relatively immobile in soil (Koc > 5000)., Given its very low Henry's constant, volatilization from natural bodies of water or moist soil is not expected to be an important fate process.

**Partition coefficient, soil organic carbon/water (Koc):** 19,111 Estimated

**Henry's Law Constant (H):** 1.76E-08 atm\*m3/mole Estimated

#### Data for Component: **Hydrocarbon F**

**Mobility in soil:** Potential for mobility in soil is very high (Koc between 0 and 50)., Given its very low Henry's constant, volatilization from natural bodies of water or moist soil is not expected to be an important fate process.

**Partition coefficient, soil organic carbon/water (Koc):** 4,766 Estimated

**Henry's Law Constant (H):** 6E-01 Pa m<sup>3</sup>/mol; 25 °C Estimated

## 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

**DOT Non-Bulk**  
**Proper shipping Name:** CORROSIVE LIQUID, N.O.S.  
**Technical Name:** (4-Nonylphenol, branched, Polyoxypropylenediamine)  
**Hazard Class:** 8 **ID Number:** UN1760 **Packing Group:** PG III

**IMDG**  
**Proper shipping Name:** CORROSIVE LIQUID, N.O.S.  
**Technical Name:** (4-Nonylphenol, branched, Polyoxypropylenediamine)  
**Hazard Class:** 8 **ID Number:** UN1760 **Packing Group:** PG III  
**EMS Number:** F-A,S-B

**ICAO/IATA**  
**Proper shipping Name:** CORROSIVE LIQUID, N.O.S.  
**Technical Name:** (4-Nonylphenol, branched, Polyoxypropylenediamine)  
**Hazard Class:** 8 **ID Number:** UN1760 **Packing Group:** PG III  
**Cargo Packing Instruction:** 856  
**Passenger Packing Instruction:** 852

## Section 15: Regulatory Information

**OSHA Hazard Communication Standard**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Super-fund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 311 and 312**

- |                                           |     |
|-------------------------------------------|-----|
| <b>Immediate (Acute) Health Hazard:</b>   | Yes |
| <b>Delayed (Chronic) Health Hazard:</b>   | Yes |
| <b>Fire Hazard:</b>                       | No  |
| <b>Reactive Hazard:</b>                   | No  |
| <b>Sudden Release of Pressure Hazard:</b> | No  |

**Super-fund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**Pennsylvania (Worker and Community Right-to-Know Act): Pennsylvania Hazardous Substances List and/or Pennsylvania Environmental Hazardous Substance List:**

The following product components are cited in the Pennsylvania Hazardous Substance List and/or the Pennsylvania Environmental Substance List, and are present at levels which require reporting.

Component	CAS #	Amount
Aromatic hydrocarbon	Trade secret	>= 2.0 - <= 75.0%
Aminoethylpiperazine	140-31-8	>= 1.5 - <= 15.0%

## Section 15: Regulatory Information (Continued)

**Pennsylvania (Worker and Community Right-to-Know Act): Pennsylvania Hazardous Substances List:**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)**

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**US. Toxic Substance Control Act**

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

## Section 16: Other Information

**HMIS Rating**

**Health:** 3

**Flammability:** 1

**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.