

Section 1: Product and Company Identification

Product Name: Terroxy® Resin Systems — Terrazzo 2K Urethane Top Coat

Product Use Description: Polyol, 2K Urethane Top Coat

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: Non hazardous

Classification according to Regulation (EC) No 1272/2008

GHS Label elements:

Hazard Pictogram: N/A

Signal Word: No signal word

Hazard Statements: N/A

Precautionary Statements: P261 Avoid breathing mist/vapors/spray
P264 Wash hands and skin contact areas thoroughly after handling
P280 Wear protective gloves/eye/face protection
P302, P352 IF ON SKIN: Wash with plenty of soap and water
P305, P351, P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing
P333, P313 If skin irritation or rash occurs: Get medical advice/attention
P337, P313 If eye irritation persists: Get medical advice/attention
P362 Take off contaminated clothing and wash before reuse
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
Solvent Naptha	64742-95-6	>0.5%
tris(2-butoxyethyl)phosphate	78-51-3	>2.0%

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.

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

Section 4: First Aid Measures

General advice:	Show this safety data sheet to the doctor in attendance.
Eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact:	Wash with water for 5-10 minutes. Remove any contaminated clothing and wash before reuse. If condition persists, Consult a physician.
Inhalation:	Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.
Ingestion:	Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately.
Protection of First-aiders:	Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media CAUTION: Use of water spray when fighting fire may be inefficient

Specific hazards arising from the chemical

In a fire or if heated, a pressure increase will occur and the container may burst.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters

Revision Date 16-Apr-2015

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Personal precautions:	Ensure adequate ventilation, especially in confined areas.
Environmental precautions:	Keep out of waterways. This product can be safely flushed into a sanitary sewer that leads to a wastewater treatment plant. See Section 12 for additional Ecological Information.
Methods for Containment:	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up:	Contain spill. Mop up. Rinse residue with water.

Section 7: Handling and Storage

- Handling:** Wash thoroughly after handling. Keep from freezing. **KEEP OUT OF REACH OF CHILDREN.**
- Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place.

Section 8: Exposure Controls / Personal Protection

Personal Protective Equipment:

- Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
- Ventilation:** Ensure adequate ventilation, especially in confined areas.
- Hand Protection:** Wear appropriate chemical resistant clothing and chemical resistant gloves.
- Eye Protection:** Splash-proof chemical goggles or face shield.
- Skin and Body Protection:** Wear appropriate chemical resistant clothing and chemical resistant gloves.

Exposure Limit:

Chemical Name	AIHA WEEL (United States 10/2011)
2-(2-ethoxyethoxy)ethanol	TWA: 25 ppm 8 Hours

*Unless otherwise noted, all PEL & TLV values are reported as 8 hour time time weighted averages (TWA).

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 9: Physical and Chemical Properties

Physical State:	Liquid
Color:	White
Odor:	Bland
Odor Threshold:	Not established
Weight Per Gallon:	8.1
Specific Gravity:	1.06
V.O.C.	Negligible
pH:	8
Boiling point/Range:	212 °F (100 °C)
Vapor pressure:	23 hPA (17 mm Hg) [room temperature]
Vapor density:	Not Established
Evaporator Rate:	Not Established
Freezing/Melting Point:	Not Established
Flash Point :	N/A
Water Solubility	Slightly Soluble

Section 10: Reactivity Data

Stability :	Stable under normal conditions.
Chemical Incompatibility:	Strong oxidizing agents. Strong acids.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	None
Conditions to avoid:	Do not freeze

Section 11: Toxicological Information

Chemical Name	Oral LD50
solvent naptha	>3000 mg/kg (Rat)
tris(2-butoxyethyl)phosphate	3 g/kg (Rat)

Chemical Name	Result	Exposure
tris(2-butoxyethyl)phosphate	Eyes - Mild Irritant (Rabbit) Skin - Mild Irritant (Rabbit)	24hr 500 mg 24hr 500 mg

Toxicology Summary : No additional health information available.

Section 12: Ecological Information

Chemical Name	Result (Fresh Water)	Fish	Exposure
2-(2-ethoxyethoxy)ethanol	Acute LC50 3340000 micro g/l	Daphnia Magna Neonate	48 Hours
tris(2-butoxyethyl)phosphate	Acute LC50 6010000 micro g/l Acute LC50 11200 micro g/l	Ictalurus punctatus Pimephales promelas	96 Hours 96 Hours

Chemical Name	LogP _{ow}	BCF	Potential
2-(2-ethoxyethoxy)ethanol	-0.54	-	Low
tris(2-butoxyethyl)phosphate	3.75	5.8	Low

Section 13: Disposal Considerations

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Disposal via incineration at an approved facility is recommended. Consult state, local or provincial authorities for more restrictive requirements.

Section 14: Transport Information

Consult Bill of Lading for transportation information

DOT: Not Regulated

IATA: Not Regulated

Section 15: Regulatory Information

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

This product may contain substances that are regulated for export by various government agencies (such as the Environmental Protection Agency, the Bureau of Industry and Security, or the Drug Enforcement Administration, among others).

Federal Reporting**EPA SARA Title III Section 313**

Unless listed below, this product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Super-fund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

<u>CAS#</u>	<u>Chemical Name</u>	<u>Percent Weight</u>
-------------	----------------------	-----------------------

WHMIS STATUS: Unless listed below, This product is not controlled under the Canadian Workplace Hazardous Materials Information System.

D2B D2A**STATE REPORTING**

Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986:

Unless listed below, this product does not contain known levels of any chemical known to the State of California to cause cancer or reproductive harm.

Section 16: Other Information

HMIS Rating

Health:	2
Flammability:	1
Reactivity:	0
Physical hazard :	X

This Material Safety Data Sheet, is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standards (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

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.