

**SPARTAN CHEMICAL COMPANY, INC.
WHMIS MATERIAL SAFETY DATA SHEET**

SECTION I: PRODUCT INFORMATION

PRODUCT IDENTIFIER

TERRA GLAZE

PRODUCT USE: Acrylic Polymer Terrazzo Seal

MANUFACTURER'S NAME & ADDRESS

Spartan Chemical Company, Inc.
1110 Spartan Drive, Maumee, OH 43537 USA

MEDICAL EMERGENCY TELEPHONE

888/314-6171 (24 Hours)

PRODUCT INFORMATION

800/537-8990

SECTION II: HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	% W	CHEMICAL NAME(S)	TLV			LD50	LC50
			TWA mg/m ³	STEL mg/m ³	Ceiling mg/m ³		
65405-61-0	15-20	Acrylic polymer	----	Not Established	----	Not available	Not available
111-90-0	5-10	Diethylene glycol monoethyl ether	140 (AIHA)	----	----	Not available	Not available
67892-91-5	1-5	Ethylene copolymer	----	Not Established	----	Not available	Not available
78-51-3	1-5	Tributoxyethyl phosphate	----	Not Established	----	Not available	Not available
1336-21-6	1-5	Ammonium hydroxide	35 (ammonia)	----	----	Not available	Not available

SECTION III: PHYSICAL DATA

BOILING POINT

100 °C (212°F)

VAPOUR PRESSURE

Not established

VAPOUR DENSITY (AIR = 1)

Not established

pH

8.0-8.5

COEFFICIENT OF WATER/OIL DISTRIBUTION

Not available

SPECIFIC GRAVITY (H₂O = 1)

1.03

EVAPORATION RATE

(butyl acetate = 1) < 1

SOLUBILITY IN WATER

Complete

APPEARANCE AND ODOUR

Milky emulsion, Acrylic odor

PERCENT SOLID BY WEIGHT

24-26

FREEZING POINT

Not available

ODOUR THRESHOLD

Not available

PHYSICAL STATE

GAS__ LIQUID X SOLID_____

SECTION IV: FIRE & EXPLOSION DATA

FLASH POINT

> 100 °C (212°F)

EXTINGUISHING MEDIA

Water, CO₂ or dry chemical

HAZARDOUS COMBUSTION PRODUCTS

Not established

SPECIAL FIRE FIGHTING PROCEDURES

Use self-contained breathing apparatus for maximum respiratory protection. Cool fire-exposed containers with water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Combustion products are toxic. Dried product can burn.

METHOD USED

ASTM - D56

CONDITIONS OF FLAMMABILITY

Not applicable

FLAMMABLE LIMITS

Not established

AUTO-IGNITION TEMPERATURE

Not applicable

EXPLOSION DATA

Not applicable

SECTION V: REACTIVITY DATA

STABILITY: STABLE X **CONDITIONS OF INSTABILITY** **CONDITIONS OF REACTIVITY**
Not established Not established

INCOMPATIBILITY (MATERIALS TO AVOID) Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS Carbon dioxide, carbon monoxide

SECTION VI: TOXICOLOGICAL PROPERTIES

PRIMARY ROUTES OF ENTRY: Eye Contact, Skin Contact, Ingestion, Inhalation, Skin Absorption

EXPOSURE LIMIT

Not established for mixture.

EFFECTS OF ACUTE EXPOSURE:

EYE CONTACT Causes mild eye irritation.

INGESTION Harmful if swallowed.

SKIN CONTACT May cause skin irritation

INHALATION Breathing vapors may cause respiratory irritation, headache and nausea.

EFFECTS OF CHRONIC EXPOSURE

This product contains diethylene glycol monoethyl ether which may be harmful if absorbed through the skin. Diethylene glycol monoethyl ether may cause central nervous system and respiratory depression, gastrointestinal tract, liver and kidney impairment. This product contains tributoxylethyl phosphate which may cause nervous system effects such as ataxia, breathing abnormalities and tremors with prolonged or repeated contact.

IRRITANCY OF PRODUCT

Mild eye & skin irritant

SENSITIZATION TO PRODUCT

Not available

CARCINOGENICITY

No

REPRODUCTIVE TOXICITY

Not available

TERATOGENICITY

Not available

MUTAGENICITY

Not available

SYNERGISTIC PRODUCTS

Not available

SECTION VII: PREVENTIVE MEASURE

PERSONAL PROTECTIVE EQUIPMENT / ENGINEERING CONTROLS

Wear impervious rubber gloves and splash goggles or safety glasses. Provide good general ventilation. Local exhaust ventilation may be necessary for some operations. If respiratory irritation occurs use of a NIOSH approved respirator suitable for the use conditions and the chemicals in Section II should be considered.

LEAK AND SPILL PROCEDURE Small quantities may be flushed into sanitary sewer. Larger quantities should be picked up with inert absorbent material and disposed on in accordance with applicable regulations.

WASTE DISPOSAL METHOD Assure conformance with applicable regulations.

HANDLING PROCEDURES Avoid contact with eyes, skin or clothing. Avoid breathing product vapors or mist. Use with adequate ventilation. Do not taste or swallow. Wash thoroughly after handling.

STORAGE REQUIREMENTS Keep container closed when not in use. Do not freeze. Do not store above 49°C (120°F). Keep out of reach of children.

SPECIAL SHIPPING INFORMATION None. Shipping Description: Non-Hazardous Products

SECTION VIII: FIRST AID MEASURES

EYES: In case of contact, flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.

SKIN: In case of contact, flush skin thoroughly with plenty of water while removing contaminated clothing. Wash clothing before reuse.

INGESTION: Do not induce vomiting unless advised to do so by a doctor or poison control center. Drink one or two glasses of water to dilute product. Get medical attention. Do not give anything by mouth to an unconscious person.

INHALATION: In case of respiratory irritation or dizziness, move person to fresh air. Get medical attention if irritation persists.

SECTION IX: PREPARATION INFORMATION

TERRA GLAZE

DATE OF PREPARATION : December 2, 2014

SUPERCEDES: December 2, 2011

APPROVED BY Ronald T. Cook / Manager, Regulatory Affairs / Spartan Chemical Company, Inc.

TELEPHONE NUMBER 800/537-8990