

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

**SECTION I: PRODUCT INFORMATION**

**PRODUCT IDENTIFIER**

**SHINELINE SEAL THERMOPLASTIC FLOOR SEALER**

**PRODUCT USE:** Ultra Hi-Speed Floor Sealer

**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 <sup>3</sup>	STEL mg/m <sup>3</sup>	Ceiling mg/m <sup>3</sup>		
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 (H<sub>2</sub>O = 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, CO<sub>2</sub> 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

### SHINELINE SEAL THERMOPLASTIC SEALER

**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