

# SAFETY DATA SHEET

## SECTION 1) IDEN

**Product ID:** Salt Barrier  
**Product Name:** Concrete Sealer  
**Revision Date:** Jul 05, 2021 **Date Printed:** Mar 29, 2024  
**Version:** 1.0 **Supersedes Date:** N.A.  
**Manufacturer's Name:** TCC Materials  
**Address:** 2025 Centre Pointe Blvd, Mendota Heights, MN, US, 55120  
**Emergency Phone:** 651-688-9116  
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**Fax:**  
**Product/Recommended Uses:**

## SECTION 2) HAZARDS IDENTIFICATION

### Classification

Flammable Liquids - Category 3

Aspiration Hazard - Category 1

Carcinogenicity - Category 1B

Germ Cell Mutagenicity - Category 1B

Safety data sheet prepared in accordance to the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

### Pictograms



### Signal Word

Danger

### Hazardous Statements - Health

H304 - May be fatal if swallowed and enters airways

H350 - May cause cancer

H340 - May cause genetic defects

### Hazardous Statements - Physical

H226 - Flammable liquid and vapor

### Precautionary Statements - General

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

### Precautionary Statements - Prevention

- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P280 - Wear protective gloves, protective clothing, eye protection/face protection.
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 - Keep container tightly closed.
- P240 - Ground/bond container and receiving equipment.
- P241 - Use explosion-proof electrical/ventilating/lighting equipment.
- P242 - Use only non-sparking tools.
- P243 - Take action to prevent static discharges.

#### Precautionary Statements - Response

- P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
- P331 - Do NOT induce vomiting.
- P308 + P313 - IF exposed or concerned: Get medical advice/attention.
- P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- P370 + P378 - In case of fire: Use carbon-di oxide, alcohol foam, water spray or dry chemical to extinguish.

#### Precautionary Statements - Storage

- P405 - Store locked up.
- P403 + P235 - Store in a well-ventilated place. Keep cool.

#### Precautionary Statements - Disposal

- P501 - Dispose of contents/container in accordance with local/national/international regulations.

#### Hazards Not Otherwise Classified (HNOC)

None.

### SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

| CAS          | Chemical Name                    | GHS Classifications  | % By Weight |
|--------------|----------------------------------|--|-------------|
| 0064742-95-6 | AROMATIC HYDROCARBON MIXTURE >C9 | Acute Tox. Oral 5, H303; Asp. Tox. 1, H304; Carc. 2, H351; Flam. Liq. 3, H226; Muta. 1B, H340; Skin Irr. 2, H315 | 75% - 100%  |
| 0009011-19-2 | POLYSILOXANE                     | N.A.   | 0% - 25%    |

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

### SECTION 4) FIRST-AID MEASURES

#### Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If exposed/If you feel unwell/If concerned: Get medical advice/attention. Eliminate all ignition sources if safe to do so.

#### Eye Contact

If irritation occurs, cautiously rinse eyes with lukewarm, gently flowing water for 5 minutes, while holding the eyelids open. If eye irritation persists: Get medical advice/attention.

#### Skin Contact

Rinse/wash with lukewarm, gently flowing water and mild soap for 5 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical advice/attention. IF exposed or concerned: Get medical advice/attention. Take off immediately contaminated clothing. Store contaminated clothing under water and wash before re-use or discard.

#### Ingestion

Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position. Rinse mouth. IF exposed or concerned: Get medical advice/attention.

#### Most important symptoms and effects, both acute and delayed

No data available.

## Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment is required. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Treat according to symptoms (decontamination, vital functions), no known specific antidote. Treatment should be supportive and based on the judgement of the physician in response to the reaction of the patient.

## SECTION 5) FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Small Fire : Dry chemical, foam, carbon dioxide, water-spray or alcohol-resistant foam. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Large Fire : Water spray, fog or alcohol-resistant foam.

### Unsuitable Extinguishing Media

Do not use straight stream of water.

### Specific Hazards Arising from the Chemical

Fire will produce irritating gases. Most vapors are heavier than air. Vapors may form explosive mixtures with air Vapors will spread along ground and collect in low or confined areas (sewers, basements, tanks) Vapors may travel to source of ignition and flash back. Many liquids are lighter than water. Containers may explode in fire. May form an ignitable vapor/air mixture in closed tanks or containers.

### Precautions for Firefighters

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Cool containers with flooding quantities of water until well after fire is out. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

### Special Protective Equipment

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

## SECTION 6) ACCIDENTAL RELEASE MEASURES

### Emergency Procedure

Stay uphill and/or upstream. Ventilate closed spaces before entering. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Evacuate and isolate hazard area and keep unauthorized personnel away. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. A vapor-suppressing foam may be used to reduce vapors.

### Protective Equipment

Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA).

### Personal Precautions

Do not breathe vapor or mist. Do not get on skin, eyes or clothing.

### Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers. Dike far ahead of liquid spill for later disposal.

### Methods and Materials for Containment and Cleaning up

Ventilate area after clean-up is complete. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean, non-sparking tools to collect absorbed material.

## SECTION 7) HANDLING AND STORAGE

### General

Wash hands after use. Avoid contact with skin, eye or clothing. Avoid breathing vapor or mist. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. Eyewash stations and showers should be available in areas where this material is used and stored All containers must be properly labelled. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

### Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Report ventilation failures immediately.

## Storage Room Requirements

Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage. Indoor storage should meet OSHA standards and appropriate fire codes. Empty containers retain residue and may be dangerous. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and strong oxidizers. Store in approved containers and protect against physical damage. Take precautionary measures against electrostatic discharge. To avoid fire or explosion, dissipate static electricity during transfer by ground and bonding containers and equipment before transferring material. Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored.

## SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

### Eye protection

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids.

### Skin Protection

Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Use of chemical resistant gloves classified under Standard EN374: Protective gloves against chemicals and microorganisms. Examples of preferred glove barrier materials include: Butyl rubber, Polyethylene, Chlorinated polyethylene, Ethyl vinyl alcohol laminate ("EVAL"). Examples of acceptable glove barrier materials include: Viton, Neoprene, Polyvinyl chloride ("PVC" or "vinyl"), Nitrile/butadiene rubber ("nitrile" or "NBR").

Full contact Material: butyl-rubber Minimum layer thickness: 0.3 mm Break through time: 480 min

Material tested: Butoject® (KCL 897 / Aldrich Z677647, Size M).

Splash contact Material: Nitrile rubber Minimum layer thickness: 0.4 mm Break through time: 30 min

Material tested: Camatril® (KCL 730 / Aldrich Z677442, Size M).

Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN 374) is recommended. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

### Respiratory protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 should be followed. Check with respiratory protective equipment suppliers.

### Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

| Chemical Name                    | ACGIH TWA (mg/m3)                               | ACGIH TWA (ppm)    | ACGIH STEL (mg/m3) | ACGIH STEL (ppm) | ACGIH Carcinogen                          | ACGIH TLV Basis              | ACGIH Notations                           | OSHA TWA (mg/m3) |
|----------------------------------|---|--------------------|--------------------|------------------|---|------------------------------|---|------------------|
| AROMATIC HYDROCARBON MIXTURE >C9 | [(L)[N159](L)[N800]]; [5 (I)[N159]5 (I)[N800]]; | (L)[N159](L)[N800] |                    |                  | [A2][N159]A2[N800]]; [A4][N159]A4[N800]]; | URT irr [N159]URT irr [N800] | [A2][N159]A2[N800]]; [A4][N159]A4[N800]]; | 2000             |

| Chemical Name                    | OSHA TWA (ppm) | OSHA STEL (mg/m3) | OSHA STEL (ppm) | OSHA Carcinogen | OSHA Skin designation | OSHA Tables (Z1, Z2, Z3) | NIOSH TWA (mg/m3) | NIOSH TWA (ppm) |
|----------------------------------|----------------|-------------------|-----------------|-----------------|-----------------------|--------------------------|-------------------|-----------------|
| AROMATIC HYDROCARBON MIXTURE >C9 | 500            |                   |                 |                 |                       | 1                        |                   |                 |

| Chemical Name                    | NIOSH STEL (mg/m3) | NIOSH STEL (ppm) | NIOSH Carcinogen |
|----------------------------------|--------------------|------------------|------------------|
| AROMATIC HYDROCARBON MIXTURE >C9 |                    |                  |                  |

URT - Upper respiratory tract

## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

|                       |   |
|-----------------------|---|
| Density               | 7.40 lb/gal   |
| Specific Gravity      | 0.89  |
| % Solids By Weight    | 8.50%   |
| <hr/>                 |   |
| Appearance            | N/A   |
| Odor Description      | N/A   |
| pH                    | N/A   |
| Water Solubility      | Insoluble in water  |
| Flammability          | Flash point at or above 100°F/38°C and less than 200°F/93°C |
| Flash Point           | 109.00 °F   |
| Viscosity             | N/A   |
| Lower Explosion Level | N/A   |
| Upper Explosion Level | N/A   |
| Vapor Density         | N/A   |
| Freezing Point        | N/A   |
| Melting Point         | N/A   |
| Low Boiling Point     | N/A   |
| Evaporation Rate      | N/A   |
| Coefficient Water/Oil | N/A   |

## SECTION 10) STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical Stability

Stable under normal storage and handling conditions.

### Possibility of Hazardous Reactions/Polymerization

Will not occur.

### Conditions To Avoid

Avoid all possible sources of ignition, heat, sparks, flame, build up of static electricity and contact with incompatible materials.

### Incompatible Materials

Strong bases, acids, and oxidizing agents.

### Hazardous Decomposition Products

Oxides of carbon.

## SECTION 11) TOXICOLOGICAL INFORMATION

### Acute Toxicity

Based on available data, the classification criteria are not met.

The Acute Toxicity Estimate (ATE) for an oral exposure to this mixture is >5000 mg/kg body weight

The Acute Toxicity Estimate (ATE) for a dermal exposure to this mixture is >5000 mg/kg body weight

The Acute Toxicity Estimate (ATE) for an inhalation (vapour) exposure to this mixture is >20 mg/l

### Aspiration Hazard

May be fatal if swallowed and enters airways

#### **Carcinogenicity**

May cause cancer

#### **Germ Cell Mutagenicity**

May cause genetic defects

#### **Reproductive Toxicity**

Based on available data, the classification criteria are not met.

#### **Respiratory/Skin Sensitization**

Based on available data, the classification criteria are not met.

#### **Serious Eye Damage/Irritation**

Based on available data, the classification criteria are not met.

#### **Skin Corrosion/Irritation**

Based on available data, the classification criteria are not met.

#### **Specific Target Organ Toxicity - Repeated Exposure**

Based on available data, the classification criteria are not met.

#### **Specific Target Organ Toxicity - Single Exposure**

Based on available data, the classification criteria are not met.

#### **Likely Routes of Exposure**

Inhalation, Ingestion, Skin contact, Eye contact

Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

#### **Potential Health Effects - Miscellaneous**

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The following medical conditions may be aggravated by exposure: skin disorders. Laboratory studies with rats have shown that petroleum distillates can cause kidney damage and kidney or liver tumors. These effects were not seen in similar studies with guinea pigs, dogs, or monkeys. Several studies evaluating petroleum workers have not shown a significant increase of kidney damage or an increase in kidney or liver tumors.

## **SECTION 12) ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

Based on available data, the classification criteria are not met.

#### **Persistence and Degradability**

No data available.

#### **Bioaccumulative Potential**

No data available.

#### **Mobility in Soil**

No data available.

#### **Other Adverse Effects**

No data available.

## **SECTION 13) DISPOSAL CONSIDERATIONS**

#### **Waste Disposal**

It is the responsibility of the user of the product to determine at the time of disposal whether the product meets local criteria for hazardous waste. Waste management should be in full compliance with national, state and local laws. Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

## SECTION 14) TRANSPORT INFORMATION

|                                  | U.S. DOT Information  | IMDG Information   | IATA Information   |
|----------------------------------|---|--|--|
| <b>UN Number:</b>                | UN1139  | UN1139   | UN1139   |
| <b>Proper shipping name:</b>     | Not regulated in containers 119 gallons (450 L) or less. Combustible Liquid in containers greater than 119 gallons for ground travel. | Coating solution (includes surface treatments or coatings used for industrial or other purposes such as vehicle undercoating, drum or barrel lining) | Coating solution (includes surface treatments or coatings used for industrial or other purposes such as vehicle undercoating, drum or barrel lining) |
| <b>Hazard Class:</b>             | 3   | 3  | 3  |
| <b>Packaging:</b>                | III   | III  | III  |
| <b>Hazardous substance (RQ):</b> | No Data Available   |  |  |
| <b>Marine Pollutant:</b>         | No Data Available   | No Data Available  |  |
| <b>Note / Special Provision:</b> | No Data Available   | No Data Available  | No Data Available  |
| <b>Toxic-Inhalation Hazard:</b>  | No Data Available   |  |  |

## SECTION 15) REGULATORY INFORMATION

### Safety, health and environmental regulations

The product has been evaluated against the following relevant regulations: U.S.A Toxic Substance Control Act (TSCA) California Proposition 65 Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312 Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313 Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Section 103

| CAS          | Chemical Name                    | % By Weight      | Regulation List |
|--------------|----------------------------------|------------------|-----------------|
| 0064742-95-6 | AROMATIC HYDROCARBON MIXTURE >C9 | 75.00% - 100.00% | SARA312, TSCA   |
| 0009011-19-2 | POLYSILOXANE                     | 0.00% - 25.00%   | SARA312         |

## SECTION 16) OTHER INFORMATION

### Glossary

ACGIH - American Conference of Governmental Industrial Hygienists; CAS - Chemical Abstracts Service ; Chemtrec - Chemical Transportation Emergency Center; DSL - Domestic Substances List; ESL- Effects screening levels; GHS - "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations; HMIS - Hazardous Material Information Service; IATA - Dangerous Goods Regulations (DGR) for the air transport (IATA); IMDG - International Maritime Dangerous Goods Code; LC - Lethal Concentration; LD - Lethal Dose; NFPA - National Fire Protection Association; OEL - Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL - Permissible Exposure Limit; SARA 313 - Superfund Amendments and Reauthorization Act, Section 313; SCBA - Self Contained Breathing Apparatus; ppm - parts per million; STEL - Short-term exposure limit; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act Public Law 94-469; TWA - Time-weighted average; US DOT- US Department of Transportation.

### Version 1.0:

Revision Date: Jul 05, 2021

First Edition.

### Full text of H-Statements referred to under Section 3

H315 Causes skin irritation

|      |  |
|------|--|
| H226 | Flammable liquid and vapor                   |
| H304 | May be fatal if swallowed and enters airways |
| H303 | May be harmful if swallowed                  |
| H340 | May cause genetic defects                    |
| H351 | Suspected of causing cancer                  |

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