

# Material Safety Data Sheet



## Section 1: Product and Company Identification

Product Name: **Bridge Deck Joint Sealant**

Sold By: **Bridge Preservation**  
**PO Box 10223**  
**Kansas City, MO 64171**  
**913.321.9006**

**FOR CHEMICAL EMERGENCY** Spill, leak, fire, exposure, or accident, call CHEMTREC day or night Domestic North America **800.424.9300** International **703.527.3887**

Fax Phone: **913.321.1490**

TSCA Inventory: All components of this product are included, or are exempt from inclusion, in the EPA Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

Canadian DSL: All components of this product are included, or are exempt from inclusion, in the Canadian Domestic Substance List (DSL).

## Section 2: Composition/Information on Ingredients

<u>Hazardous Components</u>	<u>CAS#</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>% by Wgt</u>
Phenol Alkyl Sulfonate – N.J.T.S. Reg. No. 04499600-6717	Trade Secret			25-40
Poly (Vinyl Chloride)	9002-86-2			20-35
Urethane Polymer – N.J.T.S. Reg. No. 04499600-6716	Trade Secret			20-35
Xylene	1330-20-7			1-5
Titanium Dioxide	13463-67-7			0-3
Light Petroleum Distillates	64742-47-8			1-5
Calcium Oxide	1305-78-8			1-5
Ethylbenzene	100-41-4			0.5-1.5
Iron Oxide (FE304)	1317-61-9			0-1.5
3-(Trimethoxysilyl) Propyl Glycidyl Ether	2530-83-8			0.1-1
p-Toluenesulfonamide	70-55-3			<0.3
Carbon Black	1333-86-4			<0.3
2,6-di-tert-butyl-4-(octadecanoxycarbonylethyl)phenol	2082-79-3			<0.2

None of the components of the mixture are considered Hazardous Material or carcinogens (1910.1200 Hazard Communication (d)(4)). Ingredients not precisely identified are proprietary and non hazardous.

## Section 3: Hazards Identification

Emergency Overview:

Routes of Entry:	<u>Route</u>	<u>Entry Risk</u>
	<b>Inhalation</b>	Possible
	<b>Ingestion</b>	Possible
	<b>Skin Contact</b>	Possible
	<b>Eye Contact</b>	Possible

Potential Health Effects:	<b>Inhalation</b>	Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
	<b>Ingestion</b>	Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
	<b>Skin Contact</b>	Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, blistering, and itching.

**Eye Contact** Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

Acute Health Hazards: N/A

Chronic Health Hazards: N/A

Medical Conditions Generally Aggravated by Exposure: Skin and eye sensitization. Depending on individual skin sensitivity, chronic or prolonged exposure may result in irritation, blistering, burning and peeling of skin layers.

Carcinogenicity: Ingredient Ethylbenzene C.A.S. No. 100-41-4 Class Description 2B Group Regulation Internal Agency for Research on Cancer  
Other:

## Section 4: First Aid Measures

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a burning sensation develops, seek medical attention.

Skin Contact: Remove from skin immediately. Rinse with clean water for 20-30 minutes. Use soapy water if needed. If redness, itching, or a burning sensation develops, seek medical attention.

Ingestion: Do NOT induce vomiting! Dilute with water and seek medical attention immediately.

Inhalation: Move victim to fresh air immediately. Give oxygen and seek medical attention.

## Section 5: Fire-Fighting Measures

Flammable Limits: N/A

Flash Point, (Method Used): Does not flash

Autoignition Temperature: >200°F

Extinguishing Media: Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide)

Special Fire Fighting Procedures: Wear full protective equipment (Bunker Gear) and self-contained breathing apparatus (SCBA)

Unusual Fire and Explosion Hazards: No unusual fire or explosion hazards are anticipated.

Hazardous Decomposition Products:

## Section 6: Accidental Release Measures

Accidental Release Measures: Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Contain spill. Avoid contact with water. Collect as much of the spilled material as possible. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and MSDS. Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

## Section 7: Handling and Storage

Handling & Storage Precautions: Avoid eye contact. Avoid skin contact. Avoid breathing of vapors. Keep out of the reach of children. For industrial or professional use only. Store away from heat. Store out of direct sunlight. Keep container tightly closed. Store in a cool, dry place.

## Section 8: Exposure Control/Personal Protection

Ventilation: Not required

Respiratory Protection: Avoid breathing vapors. Use organic respirator.

Eye Protection: Indirect Vented Goggles.

Skin Protection: Coveralls and impervious foot covering is recommended.

Other Protective Clothing or Equipment: Use impervious gloves, neoprene or rubber.

Work/ Hygienic Practices: Good air flow in working area. Eyewash station and safety shower should be available.

## Section 9: Physical and Chemical Properties

Appearance: Paste  
Odor: Mild xylene odor  
Physical State: Solid  
ph As Supplied: N/A  
ph (Other): N/A  
Boiling Point: 137° Celsius  
Melting Point: No Data Available  
Freezing Point:  
Vapor Pressure (mmHg):  
Vapor Density (Air=1): 6  
Specific Gravity (Water=1): 1.17  
Evaporation Rate (Butyl Acetate=1):  
Solubility in Water: Negligible  
Percent Solids by Weight: 93%  
Percent Volatile: By Weight:7% By Volume:  
VOC Less H<sub>2</sub>O & Exempt Solvents 3.0% (Test Method: tested per EPA method 24  
Molecular Weight: Mixture  
Viscosity: N/A

## Section 10: Stability and Reactivity

Stability: Stable  
Conditions to Avoid (*Stability*): Do not allow molten material to contact water or other liquids. May cause violent eruptions or spatter.  
Incompatibility (*Materials to Avoid*): N/A  
Hazardous Decomposition or Byproducts: N/A  
Hazardous Polymerization: Carbon monoxide (During Combustion)  
Carbon dioxide (During Combustion)  
Hydrogen Cyanide ((During Combustion)  
Irritant Vapors or Gasses (During Combustion)  
Oxides of Nitrogen (During Combustion)  
Conditions to Avoid (Polymerization): N/A

## Section 11: Toxicological Information

Toxicological Information: No Data

## Section 12: Ecological Information

Ecological Information: No Data

## Section 13: Disposal Considerations

Waste Disposal Method: Use excess product in an alternate beneficial application. Dispose of according to current local, state and federal regulations.  
RCRA Hazard Class: Non-Regulated

## Section 14: Transport Information

### U.S. Department of Transportation

Proper Shipping Name: TackCoat  
Hazard Class: Non-regulated, NOI  
ID Number:  
Packing Group:  
Label Statement:

### Water Transportation

Proper Shipping Name: TackCoat  
Hazard Class: Non-regulated, NOI  
ID Number:  
Packing Group:  
Label Statement:

### Air Transportation

Proper Shipping Name: TackCoat  
Hazard Class: Non-regulated, NOI  
ID Number:  
Packing Group:  
Label Statement:

### Other Agencies:

## Section 15: Regulatory Information

### U.S. Federal Regulations

- TSCA (Toxic Substance Control Act): Section 12(b) Export Notification. This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States: There are no TSCA 12(b) Chemicals in this product.
- CERCLA (Comprehensive Response Compensation and Liability Act): CERCLA section 103(a) specifically requires the person in charge of a vessel or facility to report immediately to the National Response Center (NRC) a release of a hazardous substance whose amount equals or exceeds the assigned RQ. The following hazardous substances are contained in this product: Chemical Name- See Section 2
- SARA Title III (Superfund Amendments and Reauthorization Act): This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:
- 311/312 Hazard Categories: Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard: See Section 3
- 313 Reportable Ingredients: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: Chemical Name- See Section 2

### State Regulations:

California Proposition 65. The chemical(s) noted below and contained in this product are known to the state of California to cause cancer, birth defects or other reproductive harm. Unless otherwise specified in Section 2 of this MSDS, these chemicals are present at <0.1%: There are no proposition 65 chemicals known to exist in this product.

### International Regulations:

## **Section 16: Other Information**

Other Information:

Preparation Information:

Disclaimer:

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