

# SAFETY DATA SHEET

Revision 1  
Prepared 01-09-2023

## Section 1 - Chemical Product and Company Information

Product Name: RUSTOPAK® CREVICE PENETRANT SEALANT (CLEAR)

Product Description: SOLVENT - BASED CALCIUM SULFONATE

Manufactured by:  
Watson Coatings, Inc.  
325 Paul Avenue  
St. Louis, MO 63135

Telephone:  
Emergency Phone:  
E-mail  
Website

Toll Free +1 (800) 844-4212  
Chemtrec US +1 (800) 424-9300  
[customerservice@watsoncoatings.com](mailto:customerservice@watsoncoatings.com)  
[www.watsoncoatings.com](http://www.watsoncoatings.com)

Distributed by:  
  
Rustopak (Pty) Ltd.  
  
George, W/Cape  
  
South Africa, 6529

Telephone: +27 (0)82 789 2582  
Emergency Phone: +27 (0)82 789 2582  
E-mail: [daniel@rustopak.com](mailto:daniel@rustopak.com)  
E-mail: [quentin@rustopak.com](mailto:quentin@rustopak.com)  
Website [www.rustopak.com](http://www.rustopak.com)

## Section 2 - Hazards Identification

### GHS Ratings

Flammable liquid	3
Inhalation toxicity	4
Eye corrosive	2B
Skin corrosive	2
Dermal Toxicity	4
Oral toxicity	4

### GHS Hazards

#### Warning

H226	Flammable liquid and vapor.
H332	Harmful if inhaled.
H320	Causes eye irritation.
H315	Causes skin irritation.
H312	Harmful in contact with skin.
H302	Harmful if swallowed.

### GHS Precautions

P210	Keep away from heat, sparks, open flames and hot surfaces – No smoking.
P234	Keep only in original container (aerosol cans).
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.

- P261 Avoid breathing mist, vapors or spray.
- P264 Wash hands thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well ventilated area.
- P280 Wear protective gloves, protective clothing, eye protection and face protection.
- P243 Take precautionary measures against static discharge.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash skin with water and soap.
- P362 Take off contaminated clothing and wash before reuse.
- P304 May be fatal if swallowed and enters airways.
- P340 IF INHALED: Remove victim to fresh air and keep comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312 Call a POISON CENTER or doctor if you feel unwell.
- P332+P313 If skin irritation occurs: Get medical attention.
- P337+P313 If eye irritation persists: Get medical attention.
- P370+P378 In case of fire: Use CO<sub>2</sub>, dry chemical, Alcohol-Resistant Aqueous Film-Forming Foam or water spray for extinction.
- P235 Keep cool.
- P501 Dispose of contents or containers according to all local, state, national and international regulations.



Routes of Entry: **Inhalation, Skin Contact, Eye Contact, Ingestion**

Exposure to this material may affect the following organs: **Eyes, Skin and Respiratory System**

Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to this product. Impaired kidney and liver function from pre-existing disorders may be aggravated by exposure to this product. Kidney damage may be evidenced by changes in urine output, urine appearance, or oedema (swelling from fluid retention). Liver damage may be evidenced by loss of appetite, jaundice and sometimes pain in the upper abdomen on the right side.

**Carcinogenicity:** The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IRAC, OSHA (mandatory listing), or ACGIH (optional listing). **None.**

### Section 3 - Composition / Information on Ingredients

<u>Chemical Name / CAS No</u>	<u>OSHA Exposure Limits</u>	<u>ACGIH Exposure Limits</u>	<u>Other Exposure Limits</u>
Mineral Turpentine	PEL-TWA 100ppm	TLV-TWA 100ppm	
64742-88-7 66.2 percent	PEL-Ceiling 100ppm	TLV-STEL 100ppm	
Vapor Pressure: .37 @ 20 C			
2-Butoxyethanol	PEL 50 ppm skin	TWA 20 ppm	NIOSH REL 5 ppm skin
111-76-2	PEL 240 mg/m <sup>3</sup> skin	BEL 200mg/g	NIOSH REL 24 mg/m <sup>3</sup> skin

01/09/2023

## Section 4 - First Aid Measures

**INHALATION:** If product solids are inhaled either as dust or in the form of a spray mist, remove the person from exposure immediately. If breathing is difficult, irregular, or has stopped, start resuscitation; call a physician. Administer oxygen if a qualified operator is available.

**EYE CONTACT:** In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

**SKIN CONTACT:** In case of skin contact, remove contaminated clothing. Flush the skin with large amounts of water, then wash the skin with soap and water.

**INGESTION:** If material is ingested, seek immediate medical attention. If vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of fluids into the lungs.

## Section 5 - Fire Fighting Measures

Flash Point: 41° C (105° F)

Auto ignition: Will not occur below 427° C (800° F)

LEL: 7.0 %

UEL: 6.0 %

**EXTINGUISHING MEDIA:** Use Carbon Dioxide (CO<sub>2</sub>), Alcohol-Resistant Aqueous Film-Forming Foam, dry chemical or water spray/water fog extinguishing systems.

**UNUSUAL FIRE OR EXPLOSION HAZARDS:** The product vapor is heavier than air and may travel a considerable distance to a source of ignition and flashback.

**HAZARDOUS COMBUSTION PRODUCTS:** See section 10 for a list of hazardous decomposition products for this mixture.

**FIRE FIGHTING:** If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

**FIRE FIGHTING EQUIPMENT:** Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA).

## Section 6 - Accidental Release Measures

**SPILL AND LEAK PROCEDURES:** Spill Supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Remove all ignition sources. Keep nonessential personnel away from the contaminated area.

**SMALL SPILLS:** Ventilate the contaminated area. Using non-sparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes that contain acid. Use suitable plastic containers for acid bearing wastes.

Dispose of the waste in compliance with all Federal, State, regional and local regulations (South Africa - Class 1 landfill).

**LARGE SPILLS:** Prevent this material from entering sewers and watercourses by dyking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extended land areas.

Ventilate the contaminated area. Using non-sparking tools, mix the appropriate sorbent into the spilled material. Use an absorbent like sawdust for aqueous, waterborne and solvent-borne coatings.

Collect the saturated sorbent and transfer it into a covered container. Steel containers are acceptable for all wastes except wastes which contain acid. Use suitable plastic containers for acid-bearing wastes.

## Section 7 - Handling and Storage

**HANDLING PRECAUTIONS:** Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep aerosol can caps closed/on when not in use. Do not handle or store material near heat, sparks, open flames, or other sources of ignition. Store at room temperatures, i.e. 4° C to 35° C.

**STORAGE:** Do not store above 49° C. Store only in original containers. Keep aerosol can caps closed/on when not in use.

**REGULATORY REQUIREMENTS:** No data found.

## Section 8 - Exposure Control / Personal Protection

<u>Chemical Name / CAS No</u>	<u>OSHA Exposure Limits</u>	<u>ACGIH Exposure Limits</u>	<u>Other Exposure Limits</u>
PEL-TWA 100ppm 64742-88-7	TLV-TWA 100ppm PEL-Ceiling 100ppm	TLV-STEL 100ppm	
111-76-2	PEL 50 ppm skin PEL 240 mg/m <sup>3</sup> skin	TWA 20 ppm BEL 200mg/g	NIOSH REL 5 ppm skin NIOSH REL 24 mg/m <sup>3</sup> skin NIOSH IDLH 700 ppm

**ENGINEERING:** Ensure processing (curing) ovens are properly vented to prevent introduction of processing fumes into the workplace. Use explosion-proof equipment and good manufacturing practice. Facilities storing or utilizing this material should be equipped with an eye wash facility and a safety shower.

**VENTILATION:** Use only with adequate ventilation, i.e. ventilation in compliance with occupational exposure limits.

**ADMINISTRATIVE CONTROLS:** No data found.

**PROTECTIVE GEAR:** Wear splash goggles. If extra protection is required, wear a face shield over the splash goggles. Face shields are effective only if worn in addition to goggles.

Wear a chemical-resistant, butyl rubber apron and other protective clothing, as deemed appropriate, to avoid skin contact with material.

Wear chemical-resistant gloves (butyl rubber or neoprene). Protective gloves should be inspected frequently and discarded when they exhibit cuts, tears, pinholes, or signs of excessive wear.

Respiratory protection may not be needed if the local exhaust is sufficient to maintain levels of hazardous ingredients below occupational exposure limits. If needed, use a NIOSH/MSHA approved respirator equipped with a full face piece, acid-gas

cartridges, and high-efficiency, particulate air (HEPA) filters. FOR EMERGENCIES AND UNKNOWN CONCENTRATIONS, use supplied-air respiratory protection or a positive-pressure, self-contained breathing apparatus (SCBA).

**CONTAMINATED EQUIPMENT:** Dispose of the waste in compliance with all Federal, State, regional, and local regulations (South Africa National Environmental Management: Waste Act (Act No: 59 of 2008) – Class A Landfill).

## Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstances.

Appearance	Clear Liquid
Odor	Mild
Physical State	Liquid
Vapor Density	Heavier than air
Evaporation Rate	Slower than ether
Boiling Range	149° C - 213° C
Specific Gravity (SG)	0.8647
VOC	573 g/liter

## Section 10 - Stability and Reactivity

Stability: **STABLE.**

Components of this mixture are incompatible with the following materials: **None known.**

This mixture is likely to exhibit the following combustion products: **None Identified.**

Hazardous polymerization: **Will not occur.**

## Section 11 - Toxicological Information

Toxicological information: **No data found.**

## Section 12 - Ecological Information

Ecological information: **No data found.**

## Section 13 - Disposal Considerations

As the US EPA, state, regional and other regulatory agencies may have jurisdiction over the disposal of your facility's hazardous waste, it is incumbent upon you, the hazardous waste generator, to learn of and satisfy all the requirements which affect you. Dispose of the hazardous waste at a properly licensed and permitted disposal site or facility. Ensure conformity to all applicable hazardous waste disposal regulations.

The US EPA Hazardous Waste Numbers which follow are applicable to this unadulterated product if the product enters the "waste stream". Refer to Title 40 of the Code of Federal Regulations, Part 261 (40 CFR 261). This part of the Code identifies solid wastes which are subject to regulations under various sections of the Code and which are subject to the notification requirements of Section 3010 of the Resource Conservation and Recovery Act (RCRA).

## Section 14 - Transport Information

This material is classified for Transport as follows:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
<b>DOT(US)</b>	Combustible liquid		Combustible liquid	
<b>IATA</b>	Paint, Flammable Liquid	UN1263	III	<b>IMDG/IMA</b> Paint, Flammable
Liquid	UN1263	III	3	

## Section 15 - Regulatory Information

### **State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):**

WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin: **No Proposition 65 chemicals exist in this product.**

### **New Jersey Right-To-Know:**

The following materials are non-hazardous, but are among the top five components in this product:

#### **Calcium Sulfonate Overbased**

### **Pennsylvania Right-To-Know:**

The following non-hazardous ingredients are present in the product at greater than 3%:

#### **Calcium Sulfonate Overbased**

### **Act of 1986 (SARA):**

This product contains a chemical or chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and Title 40 of the Code of Federal Regulations, part 372.

2-Butoxyethanol	111-76-2	2.0%
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## Section 16 - Other Information

**NON-WARRANTY:** The information presented in this publication is based upon the research and experiences of Watson Coatings, Inc. No representation or warranty is made concerning the accuracy or completeness of the information presented in this publication. Watson Coatings, Inc. makes no warranty or representation of any kind, express or implied, including without limitation any warranty of merchantability or fitness for any particular purpose, and no warranty or representation shall be implied by law or otherwise. Any products sold by Watson Coatings, Inc. are not warranted as suitable for any particular purpose to the buyer. The suitability of any products for any purpose particular to the buyer is for the buyer to determine. Watson Coatings, Inc. shall in no event be liable for any special, incidental, or consequential damages.