

# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

### ROCKSTAR PINNACLE SEAL

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**MANUFACTURED BY:** BDT Pty Ltd trading as Rockstar, 3 Spray Avenue, Mordialloc, Victoria 3195  
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Classified as **Hazardous** according to criteria of NOHSC and **Dangerous Goods** according to the ADG Code.

<b>UN NO.....:</b>	1710	<b>D.G. Class.:</b>	6.1B Poisonous	<b>Pack. Group...:</b>	III
<b>HAZCHEM:</b>	2Z	<b>SUB. RISK.:</b>	None allocated	<b>SUSDP.....:</b>	Schedule 6
<b>G.T.EPG...:</b>	6B7	<b>SPEC. EPG:</b>	None allocated	<b>CAS NO.....:</b>	None allocated

**PROPER SHIPPING NAME:** Chlorinated Solvent Mixture N.O.S.

**OTHER NAMES:** N/A

**USES:** Sealing of stone surfaces

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

No	Component	CAS No	Weight %
1	Active Resins		1-50%
2	Trichloroethylene	79-01-6	50-90%
3	Stabilisers		1-5%

## 3. HEALTH HAZARDS INFORMATION

### Health Effects of Acute Overexposure

- Eyes:** Vapours may cause severe irritation with redness and pain. Splashes may cause eye damage.
- Skin:** Do not allow skin contact. Cause irritation, redness and pain. Can cause blistering. Continued skin contact has a defatting action and can produce rough, dry, red skin resulting in secondary infection
- Inhalation:** Vapours can irritate the respiratory tract. Causes depression of the central nervous system with symptoms of visual disturbances and mental confusion, incoordination, headache, nausea, euphoria, and dizziness. Inhalation of high concentrations could cause unconsciousness, heart effects, liver effects, kidney effects, and death.
- Ingestion:** Causes irritation to gastrointestinal tract. May also cause effects similar to inhalation. May cause coughing, abdominal pain, diarrhoea, dizziness, pulmonary oedema, and unconsciousness. Kidney failure can result in severe cases.

### **3. HEALTH HAZARDS INFORMATION (Continued)**

#### **Effects of Chronic Overexposure**

Chronic exposures may cause liver, kidney, central nervous system, and peripheral nervous system effects. Workers chronically exposed may exhibit central nervous system depression, intolerance to alcohol, and increased cardiac output. This material is linked to mutagenic effects in humans. This material is also a suspect carcinogen.

### **4. FIRST AID MEASURES**

- Eyes:** If this product comes into contact with eyes, hold eyes open and wash continuously for 15 minutes with running water. Ensure irrigation under eyelids by occasionally lifting eyelids. Do not attempt to remove contact lenses unless trained. Transport to hospital or doctor immediately.
- Skin:** If this product comes into contact with skin, wash skin with soap and water for 15 minutes. Remove contaminated clothing and footwear. Ensure contaminated clothing is thoroughly washed before using again. Consult a physician if irritation develops or persists.
- Inhalation:** If fumes or combustion products are inhaled, remove to fresh air. Lay victim down & keep warm and rested. If breathing is shallow, or has stopped, ensure clear airway and apply resuscitation or oxygen if available. Transport to hospital or doctor immediately.
- Ingestion:** Because rapid absorption may occur through lungs if aspirated and cause systemic effects, the decision of whether to induce vomiting or not should be made by a doctor. If lavage is performed, suggest endotracheal and/or oesophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. Exposure may increase "myocardial irritability". Do not administer sympathomimetic drugs unless absolutely necessary. No specific antidote. Supportive care. Treatment based on judgement of the doctor in response to reactions of the patient.

### **5. FIRE FIGHTING MEASURES**

#### **Suitable Extinguishing Media:**

Use water spray to keep fire-exposed containers cool. If substance does ignite, use CO<sub>2</sub>, dry chemical or foam

#### **Protective Equipment for Fire Fighting:**

In the event of a fire, wear full protective clothing and approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Combustion by-products include phosgene and hydrogen chloride gases. Structural firefighters' clothing provides only limited protection to the combustion products of this material.

### **6. ACCIDENTAL RELEASE MEASURES**

Shut off all possible sources of ignition. Provide sufficient ventilation. Avoid breathing vapour. Wear personal protective equipment to prevent eye and skin contact. Do not allow into drains or waterways. Take up with absorbent material (sand, universal absorbent). Dispose of empty containers in accordance with federal, state and local laws.

### **7. HANDLING AND STORAGE**

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from any source of heat or ignition. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (vapours, liquid); observe all warnings and precautions listed for the product.

## **8. PERSONAL PROTECTION AND EXPOSURE CONTROLS**

### **Exposure Limit Information**

Ingredient	NOHSC <sup>1</sup>			
	TWA		STEL	
	(ppm)	(mg/m <sup>3</sup> )	(ppm)	(mg/m <sup>3</sup> )
Trichloroethylene	100			

TWA = Time Weighted Average

STEL= Short term Exposure Limit

<sup>1</sup> National Occupational Health and Safety Commission (Australia)

### **Respiratory Protection**

Do not breathe vapours, mists or fumes. Self-contained breathing apparatus is recommended.

### **Eye Protection**

Use chemical splash goggles Eye protection worn must be compatible with respiratory protection system employed.

### **Hand Protection**

Rubber, neoprene or nitrile gloves; protective clothing as necessary to prevent skin contact.

### **Engineering Controls (Ventilation)**

Use local exhaust ventilation sufficient to maintain exposure levels below exposure limit concentrations. Refer to Australian Standard AS-1668. Use an explosion proof ventilation exhaust system.

### **Other**

Take precautions to prevent electro-static discharge. Remove sources of high temperature in the workplace. Wash hands after use. Do not smoke, eat or drink during use.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance and colour .....	Clear to slightly yellow mobile liquid
State .....	Liquid
Odour Characteristic .....	Ethereal
pH .....	Not specified
Viscosity .....	Not specified
Specific Gravity (Water = 1) .....	1.40 g/ml
Vapour Density (Air = 1) .....	4.5
Vapour Pressure .....	14 Kpa
Melting Point .....	N/A
Boiling Point .....	87
Solubility in Water .....	Not miscible
Flash Point .....	None

## **10. STABILITY AND REACTIVITY**

Stable under ordinary conditions of use and storage. Will slowly decompose to hydrochloric acid when exposed to light and moisture

### **Conditions to avoid**

Heat, flame, ignition sources, light, moisture, incompatibles.

## **10. STABILITY AND REACTIVITY (Continued)**

### **Hazardous Polymerisation**

Will not occur.

### **Incompatibilities**

Strong caustics and alkalis, strong oxidisers, chemically active metals, such as barium, lithium, sodium, magnesium, titanium and beryllium, liquid oxygen

### **Hazardous decomposition products**

May produce carbon monoxide, carbon dioxide, hydrogen chloride and phosgene when heated to decomposition

## **11. TOXICOLOGICAL INFORMATION**

No data

## **12. ECOLOGICAL INFORMATION**

Harmful to aquatic life. Do not allow into waterways.

When released into the soil, this material may leach into ground water. When released into the soil, this material is expected to quickly evaporate. When released to water, this material is expected to quickly evaporate. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to have a half-life between 1 and 10 days.

## **13. DISPOSAL CONSIDERATIONS**

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements

## **14. TRANSPORT INFORMATION**

Classified as Dangerous Goods according to the Australian Code For The Transport of Dangerous Goods By Road And Rail (Sixth Edition). See section 1.

## **15. REGULATORY INFORMATION**

Labelling Requirements According to Criteria of NOHSC:

R36/38	Irritating to eyes and skin.
S16	Keep away from sources of ignition.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28	After contact with skin, wash immediately with plenty of soapsuds.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S46	If swallowed, seek medical advice immediately and show this container or label.

## **16. OTHER INFORMATION**

The advice and information contained herein is based on our best knowledge of the health and safety hazard information of the product. We believe the information to be accurate and reliable as at the date supplied, but no representation, guarantee or warranty, expressed or implied, is made to the accuracy, reliability, or completeness of the advice and information. We urge persons receiving this advice and information to make their own determination as to the advice and information's suitability and completeness for their own particular situation.