



# MATERIAL SAFETY DATA SHEET

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## COMPANY DETAILS

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## EMERGENCY NO'S:

**SOUTH AFRICA:** **082 651 5266**  
**+27 11 254 5500**

**INTERNATIONAL:**  
**CHEMTREC +1 703 527 3887**

**NOTE:** The Chemtrec Transportation Emergency Phone is to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

## 1. PRODUCT AND COMPANY IDENTIFICATION:

**Trade Name:** **Pro-Struct 618R Resin Grouting Compound**

Chemical family: **Epoxy Resin Base**

Chemical name:

Synonyms: **Solvent Free Epoxy Resin**

Chemical Abstract No: **25068-38-6**

NIOSH No:

Hazchem Code

UN No: **3082 Class 9**

## 2. COMPOSITION:

Hazardous components: **Base - Diglycidylethe of Bisphenol A**

EEC Classification:

R Phrases: **R21/22-34-43-50/53**

## 3. HAZARDOUS IDENTIFICATION:

Main hazard: **Irritant and dangerous for the environment**

Flammability: **Not Flammable**

Chemical hazard: **Avoid contact with acids and heat**

Reproductive hazard: **No Data**

Eye effect – eyes: **Irritation – product vapour in low concentrations can cause lacrimation, conjunctivitis, corneal edema**

Health effects – skin: **Irritation**

Health effects – ingestion: **Irritant– may cause bleeding of the gastrointestinal tract and the vomiting of blood**

Health effects – inhalation: **Prolonged exposure - irritation of respiratory tract**

## 4. FIRST AID MEASURES:

Product in eye: **Flush with large amounts of water. Consult a physician.**

Product on skin: **Wash affected area with soap and water. Consult a physician if irritation persists.**

Product ingested: **Do not induce vomiting. Get medical attention.**

Product inhaled: **Remove to fresh air. Restore breathing. Get medical attention.**

## 5. FIRE FIGHTING MEASURES:

Extinguishing media: **Dry chemical, foam, carbon dioxide, water fog**

Special hazards: **May generate toxic, irritating or flammable combustion products**

Protective clothing: **Self contained breathing unit and complete body protection**

## 6. ACCIDENTAL RELEASE MEASURES:

Personal precautions: **Appropriate PPE and equipment.**

Environmental precautions: **Contain all spills.**

Small spills: **Soak with absorbent, dispose of in accordance with local regulations**

Large spills: **Contain spill, soak with absorbent, dispose of in accordance with local regulations**

## 7. HANDLING AND STORAGE:

Suitable material: **Stable under normal conditions.**

Handling / Storage precautions: **Away from heat, moisture and oxidisers**

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION:**

Occupational exposure limits:	<b>Not Established</b>
Engineering control measures:	<b>Ensure adequate ventilation</b>
Personal protection – respiratory:	<b>Approved respirator</b>
Personal protection – hands:	<b>Impervious gloves</b>
Personal protection – eyes:	<b>Chemical goggles</b>
Personal protection – skin:	<b>Protective clothing</b>
Other protection:	<b>Protective creams for skin</b>

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

Appearance:	<b>Base – various coloured liquids</b>
Odour:	<b>Base - Slight</b>
pH:	<b>Base - Neutral</b>
Boiling point:	<b>Base - &gt; 200 °C</b>
Melting point:	<b>Not Applicable</b>
Flash point:	<b>Base = &gt; 150 °C</b>
Flammability:	<b>Not Flammable</b>
Auto-flammability:	<b>Not Applicable</b>
Explosive properties:	<b>Not Applicable</b>
Oxidising properties:	<b>Not Applicable</b>
Vapour pressure:	<b>Not Applicable</b>
Density:	<b>Base = 1.10 ± 0.1</b>
Solubility – water:	<b>Insoluble</b>
Solubility – solvent:	<b>Soluble</b>

**10. STABILITY AND REACTIVITY:**

Conditions to avoid:	<b>Keep away from heat, sparks, open flames</b>
Incompatible materials:	<b>Oxidising agents</b>
Hazardous decomposition products:	<b>Combustion under oxygen starved conditions can produce toxic products</b>

**11. TOXICOLOGICAL INFORMATION:**

Acute toxicity:	<b>LD50 &gt; 2000 mg/kg</b>
Skin and eye contact:	<b>Severe irritation</b>

**12. ECOLOGICAL INFORMATION:**

Aquatic toxicity – fish:	<b>Toxic in large quantities</b>
Aquatic toxicity – daphnia:	<b>Toxic in large quantities</b>
Aquatic toxicity – algae:	<b>Toxic in large quantities</b>
Biodegradability:	<b>Not readily bio-degradable</b>
Bio-accumulation:	<b>Has the potential to bio-accumulate</b>
Mobility:	<b>Sinks in water</b>

**13. DISPOSAL CONSIDERATIONS:**

Disposal methods:	<b>In accordance with local regulations.</b>
Disposal of packaging:	<b>Dispose to licensed disposal contractor</b>

**14. TRANSPORT INFORMATION:**

UN No:	<b>3082 Class 9</b>
Substance identity no:	
IMDG – Packaging group:	<b>111</b>
Tremcard no:	

**15. REGULATORY INFORMATION:**

EEC hazard classification:	<b>Label according to EC Directive 67/548/EEC</b>
Safety phrases:	<b>S(1/2)26-36/37/39-45-60-61</b>

**16. OTHER INFORMATION:**

**Base - Not dangerous for conveyance under UN code**

The information contained herein relates only to the specific material identified. Stoncor Africa (Pty) Ltd believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information.