



MATERIAL SAFETY DATA SHEET

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COMPANY DETAILS

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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 749 Quickseal Polysulphide Joint Sealant

Chemical family: Polysulphide Sealant

Chemical name:

Synonyms: Quick Seal Joint Sealant

Chemical Abstract No:

NIOSH No:

Hazchem Code

UN No:

2. COMPOSITION:

Hazardous components: Base - Polysulphide Resin

Activator - Manganese Dioxide

EEC Classification:

R Phrases:

3. HAZARDOUS IDENTIFICATION:

Main hazard: Activator - Weak Oxidizer

Flammability: Not Flammable

Chemical hazard:

Reproductive hazard:

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. Always seek medical attention.

Product inhaled: Remove to fresh air. Restore breathing. Seek 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 apparatus and complete body protection

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions: Appropriate PPE and equipment.

Environmental precautions: Contain all spills. Do not allow to run into drains.

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: Keep away from heat, moisture and oxidisers.

| | | |
|--|--|-------------------------|
| 8. EXPOSURE CONTROLS / PERSONAL PROTECTION: | | |
| Occupational exposure limits: | Not Established | |
| Engineering control measures: | Ensure adequate ventilation | |
| Personal protection – respiratory: | Approved respirator in confined spaces | |
| Personal protection – hands: | Impervious gloves | |
| Personal protection – eyes: | Chemical goggles | |
| Personal protection – skin: | Protective clothing | |
| Other protection: | Protective creams for skin | |
| 9. PHYSICAL AND CHEMICAL PROPERTIES: | | |
| Appearance: | Base - White Paste | Activator - Black Paste |
| Odour: | Base - Offensive | Activator - Slight |
| pH: | | |
| Boiling point: | Base - 200°C | Activator - 180°C |
| Melting point: | Not Applicable | |
| Flash point: | Base - >150°C | Activator = >88°C |
| Flammability: | Not Flammable | |
| Auto-flammability: | Not Applicable | |
| Explosive properties: | Not Applicable | |
| Oxidising properties: | Not Applicable | |
| Vapour pressure: | | |
| Density: | Base = 1.5 ± 0.2 | Activator = 1.2 ± 0.2 |
| Solubility – water: | Insoluble | |
| Solubility – solvent: | Soluble | |
| 10. STABILITY AND REACTIVITY: | | |
| Conditions to avoid: | Keep away from heat, sparks, open flames. | |
| Incompatible materials: | Oxidising agents. | |
| Hazardous decomposition products: | Combustion under oxygen starved conditions can produce toxic products. | |
| 11. TOXICOLOGICAL INFORMATION: | | |
| Acute toxicity: | Severe Irritation. | |
| Skin and eye contact: | Repeated exposure causes liver, kidney, nervous and skin damage. | |
| 12. ECOLOGICAL INFORMATION: | | |
| Aquatic toxicity – fish: | Toxic | |
| Aquatic toxicity – daphnia: | Toxic | |
| Aquatic toxicity – algae: | Toxic | |
| Biodegradability: | Not readily biodegradable | |
| Bio-accumulation: | Has the potential to bio-accumulate | |
| Mobility: | Sinks in water | |
| 13. DISPOSAL CONSIDERATIONS: | | |
| Disposal methods: | In accordance with local regulations. | |
| Disposal of packaging: | Dispose to licensed disposal contractor. | |
| 14. TRANSPORT INFORMATION: | | |
| UN No: | | |
| Substance identity no: | | |
| IMDG – Packaging group: | | |
| Tremcard no: | | |
| 15. REGULATORY INFORMATION: | | |
| EEC hazard classification: | | |
| Safety phrases: | | |
| 16. OTHER INFORMATION: | | |
| 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.