



MATERIAL SAFETY DATA SHEET

No.: P849-04
Date Issued: March 2009
Pages: 2

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 849 High Chemical Resistant 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	
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		

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