



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 618R Resin Grouting Compound**

Chemical family: **Amine Activator**

Chemical name:

Synonyms: **Solvent Free Epoxy Resin**

Chemical Abstract No: **068121-73-7**

NIOSH No:

Hazchem Code

UN No: **Activator 2735 Class 8**

2. COMPOSITION:

Hazardous components: **Activator - Modified Amine**

EEC Classification:

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

3. HAZARDOUS IDENTIFICATION:

Main hazard: **Activator – Corrosive**

Flammability: **Not Flammable**

Chemical hazard: **Strong Alkali - 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:	Not Established
Engineering control measures:	Ensure adequate ventilation
Personal protection – respiratory:	Approved respirator
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:	Activator - Clear to dark Amber
Odour:	Activator - Ammoniscal
pH:	Activator - Alkaline
Boiling point:	Activator - > 180 °C
Melting point:	
Flash point:	Activator = > 88 °C
Flammability:	
Auto-flammability:	
Explosive properties:	
Oxidising properties:	
Vapour pressure:	
Density:	Activator = 1.0 ± 0.1
Solubility – water:	
Solubility – solvent:	
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:	LD50 > 2000 mg/kg
Skin and eye contact:	Severe irritation
12. ECOLOGICAL INFORMATION:	
Aquatic toxicity – fish:	Toxic in large quantities
Aquatic toxicity – daphnia:	Toxic in large quantities
Aquatic toxicity – algae:	Toxic in large quantities
Biodegradability:	Not readily bio-degradable
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:	Activator - 2735 Class 8
Substance identity no:	612-065-00-8
IMDG – Packaging group:	111
Tremcard no:	
15. REGULATORY INFORMATION:	
EEC hazard classification:	Label according to EC Directive 67/548/EEC
Safety phrases:	S(1/2)26-36/37/39-45-60-61
16. OTHER INFORMATION:	
Base - Not dangerous for conveyance under UN code	

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