



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 121 Multi-purpose Epoxy Adhesive

Chemical family: Epoxy Resin Base

Chemical name:

Synonyms: Solvent-free Epoxy Paste

Chemical Abstract No: 25068-38-6

NIOSH No:

Hazchem Code

UN No: 3082 Class 9

2. COMPOSITION:

Hazardous components: Base – Diglycidylether of Bisphenol A

EEC Classification: Base – Fillers

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

3. HAZARDOUS IDENTIFICATION:

Main hazard: Sensitisation by skin contact

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 spills, 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

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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:	Base – Coloured paste
Odour:	Base – Slight
pH:	Base – Neutral
Boiling point:	Base - >200°C
Melting point:	Not applicable
Flash point:	Base - >150°C
Flammability:	Not flammable
Auto-flammability:	Not applicable
Explosive properties:	Not applicable
Oxidising properties:	Not applicable
Vapour pressure:	Not applicable
Density:	Base – 1,2 ± 0,5
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:	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:	3082 Label M15 Class 9
Substance identity no:	
IMDG – Packaging group:	111
Tremcard no:	90G01
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:	

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