



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: Amino Amine Activator

Chemical name: Mixture Amino

Synonyms: Solvent-free Epoxy Paste

Chemical Abstract No:

NIOSH No:

Hazchem Code

UN No: UN2735 Class 8

2. COMPOSITION:

%	CAS NO	CHEMICAL NAME
<15	111-40-0	DETA
<10	112-57-2	Tetraethylenepentamine

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 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

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 – Coloured paste
Odour:	Activator – Ammoniscal
pH:	Activator – Alkaline
Boiling point:	Activator - >180°C
Melting point:	Not applicable
Flash point:	Activator - >88°C
Flammability:	Not flammable
Auto-flammability:	Not applicable
Explosive properties:	Not applicable
Oxidising properties:	Not applicable
Vapour pressure:	Not applicable
Density:	Activator – 1,5 ± 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:	UN2735 Class 8
Substance identity no:	
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:	

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.