



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 541 Resin Floor Hardener

Chemical family:

Chemical name:

Synonyms: Solvent Based Paint

Chemical Abstract No:

NIOSH No:

Hazchem Code

UN No: 1263 Class 3

2. COMPOSITION:

Hazardous components: Pigment, Resin, Xylol

EEC Classification:

R Phrases:

3. HAZARDOUS IDENTIFICATION:

Main hazard: Solvents

Flammability: Flammable

Chemical hazard:

Reproductive hazard:

Eye effect – eyes: Irritant

Health effects – skin: Allergic skin reaction

Health effects – ingestion: Harmful – Aspiration of the lungs

Health effects – inhalation: Causes dizziness, headache or nausea

Neurotoxicity: Solvents – can effect brain and nervous system

4. FIRST AID MEASURES:

Product in eye: Flush with water for 15 minutes. Seek medical attention

Product on skin: Wash with soap and water. Seek medical attention 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: Vapours are heavier than air and will accumulate forming explosive concentrations

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: Evacuate area of unprotected personnel. Eliminate all ignition sources.

7. HANDLING AND STORAGE:

Suitable material: Stable under normal conditions.

Handling / Storage precautions: Keep away from heat, sparks, open flames and strong oxidising agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:	
Occupational exposure limits:	Solvents – 100 ppm
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:	Use only with ventilation to keep exposure below guidelines
9. PHYSICAL AND CHEMICAL PROPERTIES:	
Appearance:	Various colours
Odour:	Aromatic
pH:	
Boiling point:	121 - 200°C
Melting point:	Not Applicable
Flash point:	28°C
Flammability:	Flammable
Auto-flammability:	Not Applicable
Explosive properties:	LEL = 1.0% UEL = 7.0%
Oxidising properties:	Not Applicable
Vapour pressure:	Heavier Than Air
Density:	1.2 ± 0.2
Solubility – water:	Not Applicable
Solubility – solvent:	Soluble
10. STABILITY AND REACTIVITY:	
Conditions to avoid:	Strong oxidising agents, heat, sparks and open flames
Incompatible materials:	Strong oxidising agents
Hazardous decomposition products:	Carbon monoxide, nitrogen oxides and unidentified organic compounds
11. TOXICOLOGICAL INFORMATION:	
Acute toxicity:	
Skin and eye contact:	Prolonged contact may result in dermatitis
12. ECOLOGICAL INFORMATION:	
Aquatic toxicity – fish:	Toxic
Aquatic toxicity – daphnia:	Toxic
Aquatic toxicity – algae:	Toxic
Biodegradability:	Readily biodegradable
Bio-accumulation:	Does not bio-accumulate significantly
Mobility:	Floats on water, evaporates within a day from water or soil surfaces
13. DISPOSAL CONSIDERATIONS:	
Disposal methods:	In accordance with local regulations.
Disposal of packaging:	Dispose to licensed disposal contractor.
14. TRANSPORT INFORMATION:	
UN No:	1263 Class 3
Substance identity no:	1263 Class 3
IMDG – Packaging group:	
Tremcard no:	
15. REGULATORY INFORMATION:	
EEC hazard classification:	
Safety phrases:	
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.