



# MATERIAL SAFETY DATA SHEET

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## COMPANY DETAILS

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## EMERGENCY NO'S:

SOUTH AFRICA: 082 651 5266  
+27 11 254 5500

## INTERNATIONAL:

CHEMTREC +1 703 527 3887

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 202 Bituminous Aluminium Coating

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.

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<b>8. EXPOSURE CONTROLS / PERSONAL PROTECTION:</b>	
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
<b>9. PHYSICAL AND CHEMICAL PROPERTIES:</b>	
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:	
Density:	1.2 ± 0.2
Solubility – water:	
Solubility – solvent:	Soluble
<b>10. STABILITY AND REACTIVITY:</b>	
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.
<b>11. TOXICOLOGICAL INFORMATION:</b>	
Acute toxicity:	Aspiration of the lungs.
Skin and eye contact:	Prolonged contact may result in dermatitis.
<b>12. ECOLOGICAL INFORMATION:</b>	
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.
<b>13. DISPOSAL CONSIDERATIONS:</b>	
Disposal methods:	In accordance with local regulations.
Disposal of packaging:	Dispose to licensed disposal contractor.
<b>14. TRANSPORT INFORMATION:</b>	
UN No:	1263 Class 3
Substance identity no:	1263 Class 3
IMDG – Packaging group:	
Tremcard no:	
<b>15. REGULATORY INFORMATION:</b>	
EEC hazard classification:	
Safety phrases:	
<b>16. OTHER INFORMATION:</b>	

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