



MATERIAL SAFETY DATA SHEET

No.: P203-04
Date Issued: June 2012
Pages: 2

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 203 Rubberised Bitumen Emulsion Liquid

Chemical family: Water-based Bitumen

Chemical name:

Synonyms: Bitumen Emulsion

Chemical Abstract No:

NIOSH No:

Hazchem Code

UN No:

Non Hazardous

2. COMPOSITION: PIGMENT / FILLER / ACRYLIC LATEX

Hazardous components:

EEC Classification:

R Phrases:

3. HAZARDOUS IDENTIFICATION:

Main hazard: Harmful if digested or inhaled
Flammability: Not flammable – water based
Chemical hazard: Stable
Reproductive hazard: Primary irritation
Eye effect – eyes: Irritation – prolonged exposure may cause dermatitis
Health effects – skin: Irritant
Health effects – ingestion: Irritant
Health effects – inhalation: Vapours can cause headaches or nausea

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: Water, Carbon Dioxide, Dry Chemical
Special hazards: Dried product will burn producing Carbon Monoxide, Carbon Dioxide and possibly oxides of nitrogen.
Protective clothing: Fire fighters to wear self-contained breathing apparatus.

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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Occupational exposure limits:	Not hazardous
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:	Protective creams for skin

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Black
Odour:	Slight
pH:	8 – 9
Boiling point:	100°C
Melting point:	Not applicable
Flash point:	Not applicable
Flammability:	Not flammable – but dried product will burn
Auto-flammability:	Not applicable
Explosive properties:	Not applicable
Oxidising properties:	Not applicable
Vapour pressure:	Heavier than air
Density:	1.2 – 1.4
Solubility – water:	Dilutable
Solubility – solvent:	Not soluble

10. STABILITY AND REACTIVITY:

Conditions to avoid:	Sources of heat
Incompatible materials:	Not determined
Hazardous decomposition products:	Dried product will burn producing Carbon Monoxide, Carbon Dioxide and possible oxides of nitrogen

11. TOXICOLOGICAL INFORMATION:

Acute toxicity:	
Skin and eye contact:	Irritant

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 biodegradable
Bio-accumulation:	Has the potential to bio-accumulate
Mobility:	Miscible 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:	
Substance identity no:	
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.