



MATERIAL SAFETY DATA SHEET

No.: S787/SLT B-01
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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: Stonseal 787 / Stonshield SLT Base
Chemical family: Epoxy Resin Base
Chemical name:
Synonyms: Solvent Free Epoxy Resin

Chemical Abstract No:
NIOSH No:
Hazchem Code
UN No: 3082 Class 9

2. COMPOSITION:

%	CAS NO.	CHEMICAL NAME
>60	25068-38-6	Bis A epichlorohydrin resin

3. HAZARDOUS IDENTIFICATION:

Main hazard: Sensitization 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 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 , 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

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.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Base – various coloured liquids
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 = 1.10 ± 0.1
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 MIS Class 9
Substance identity no:	25068-38-6 Bisphenol A epoxy resin
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:

EPA Coating Category*:	Floor Coating
EPA VOC Content Limit (g/l):	250
Product VOC Content (g/l)**:	5.0
Thinning Recommendations:	None
Application Recommendations:	For professional use only

* As per the federal EPA definition for coating categories in 40 CFR 59.401

** Grams of VOC per litre of coating product as applied (mixture of Part A and Part B) per EPA Method 24.