



MATERIAL SAFETY DATA SHEET

No.: S787/SLT/967 B-02
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 Pages: 2

COMPANY DETAILS

Name: **StonCor Africa (Pty) Ltd.**
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EMERGENCY NO'S:

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INTERNATIONAL:
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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 / Stonshield 980 / Stonblend 967 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**

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 ± 0.3
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.