

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **SVENIC CRACK INJECTION EP Part (B)**
Other name: None allocated
Product code: EIFS
Recommended use: Part B of a two component, solvent free low viscosity, epoxy resin.

Company: Svenic Australia Pty Ltd
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2. HAZARDS IDENTIFICATION

Hazard classification: Hazardous according to criteria of NOHSC
Risk phrase(s): R 20/21/22 - Harmful by inhalation, in contact with the skin and if swallowed.
 R 34 - Causes burns.
 R43 - may cause sensitisation by skin contact.
Safety phrase(s): R26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.
 S 28 - After contact with skin wash immediately with plenty of water and soap.
 S 36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS

Chemical Name	CAS Number	Proportion
Isophoronediamine	2855-13-2	30 - 60%
Salicylic acid	69-72-7	< 10%
Non-hazardous ingredients		to 100%

4. FIRST AID MEASURES

Ingestion: Do NOT induce vomiting. Wash mouth with water and seek medical attention.

Eyes: While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs seek medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.

Skin: Flush contacted area thoroughly with soap and plenty of water. Seek medical attention in event of irritation.

Inhalation: Remove to fresh air. If breathing is difficult give oxygen.

First aid facilities: Ensure availability of clean water for eye/skin wash.

Advice to doctor: Treat symptomatically

MATERIAL SAFETY DATA SHEET

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam, CO₂ and Dry Chemical
 Hazards from combustion products: Oxides of carbon and other possibly toxic fumes from fire.
 Precautions and equipment for fire fighters: Full protective clothing as per personal protection in section 8.
 Hazchem code: 3X

6. ACCIDENTAL RELEASE MEASURES

Methods for clean up / collecting: Small or major spills should be absorbed with dry, inert filler (soil or sand) which then can be shovelled into appropriately labelled drums for disposal.
 Environmental precautions: Do not discharge into sewers or waterways.

7. HANDLING AND STORAGE

Conditions for safe storage

Location: Store in a cool, dry area.
 Temperature conditions: 5 to 35°C.
 Protection from weather: Store undercover and away from frost.
 Storage incompatibilities: Strong oxidising agents, acids and alkalis.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards: Not available
 Engineering controls: Ventilation is recommended under normal use conditions. State regulations on speed and direction of airflow away from operators must be observed.
 Keep containers closed when not in use.

Personal protective equipment

Respiratory protection: Type A1 if ventilation is inadequate
 Glove type (AS2161): Long PVC or nitrile rubber gauntlets
 Eye protection: Chemical worker's goggles
 Clothing: Overalls.

Other: Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

MATERIAL SAFETY DATA SHEET

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear colourless to slight amber, low viscosity liquid with ammoniacal odour.
Boiling point (°C):	> 100
Melting point (°C):	Not available
Vapour pressure:	< 2
Specific gravity:	ca. 1.0
Flash point (°C):	> 100
Flammability limits (%):	UEL – not applicable LEL – not applicable
Solubility in water:	Soluble
pH (1:1 water mixture):	> 12

10. STABILITY AND REACTIVITY

Hazard of use/storage:	Stable under normal storage and application temperature.
Materials to avoid:	Keep away from oxidising agents, acids and alkalis.
Hazardous decomposition products:	Oxides of carbon and other possibly toxic fumes from fire.

11. TOXICOLOGICAL INFORMATION

<u>Acute</u>	
Ingestion:	Harmful if swallowed. [Oral, rat LD ₅₀ > 1000mg/kg]
Eye:	Corrosive. May cause permanent damage to the eye.
Skin:	Corrosive. Prolonged exposure may cause dermatitis or sensitisation.
Inhalation:	Harmful by inhalation. Irritant to the respiratory tract.
Chronic:	Susceptible individuals may develop allergic reactions such as dermatitis or asthma like symptoms on a single significant skin exposure or may become sensitised to the material on repeated contact. Corrosive to eyes and skin. May cause sensitisation by skin contact or inhalation.

12. ECOLOGICAL INFORMATION

Ecology:	Do not discharge into sewers or waterways.
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13. DISPOSAL CONSIDERATIONS

<u>Disposal Methods</u>	
State/Territory authority:	Observe all Federal, State and Local regulations
Dispose – Secure landfill:	Yes.
Dispose – High temp incinerator:	Yes.
Precautions for clean up crew:	Full protective clothing as per personal protection in section 8.

MATERIAL SAFETY DATA SHEET

14. TRANSPORT INFORMATION

UN number: 2735
 Dangerous goods class: 8
 Subsidiary risk: None allocated
 EPG card: 8A1
 Shipping name: AMINES, LIQUID, CORROSIVE, N.O.S.
 Packing group: III
 Poisons schedule: 5
 Hazchem code: 3X

15. REGULATORY INFORMATION

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16. OTHER INFORMATION

Reason for Issue: Change of company name.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.