

**SOUTH COAST DECORATIVE
CONCRETE SUPPLIES**
PTY LTD

SOLUTIONS FOR BETTER LOOKING CONCRETE

South Coast Decorative Concrete Supplies Material Safety Data Sheet & Product Data Sheet

This document contains supporting information for the use of South Coast Decorative Concrete Supplies Epoxy System, SF25 Hardener. Please find both the Material Safety Data Sheet and Product Data Sheet included in this document.

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Emergency Telephone Number: 000

Website: www.scdcs.com.au
Email: sales@scdcs.com.au

**1 McIntyre Way
BOMADERRY NSW**

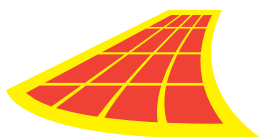
Phone: 02 4423 5111
Fax: 02 4423 5105

**70 Princes Highway
YALLAH NSW 2530**

Phone: 02 4257 2611
Fax: 02 4257 2599

**1 Russell Lane
BATEMANS BAY
NSW 2536**

Phone: 02 4472 4944



MATERIAL SAFETY DATA SHEET

MSDS: SCDCS Epoxy System, SF25 Hardener, Part B. Date of Issue: February 22nd, 2014

SCDCS Epoxy System, SF25 Hardener, Part B.

PRODUCT INFORMATION

This Product is classified as hazardous according to criteria of Worksafe Australia.

Product Names:	SCDCS Epoxy System, SF25 Hardener, Part B.
Proper Shipping Name:	None Allocated
Other Names:	None Listed
UN Number:	None Allocated
DG Class:	None Allocated
Packing Group:	None Allocated
Hazchem Code:	None Allocated
Poisons Schedule:	Not Scheduled

PHYSICAL DATA

Appearance:	Yellow Liquid.
Boiling Point:	Not Available
Vapour Pressure:	Not Applicable
Specific Gravity:	Not Applicable
Flash Point:	Non flammable
Flamm. Limit LEL:	Not Applicable

COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS#	Proportion %
trimethylolpropane triamine ether, propoxylated.	39423-51-3	<10
isophorone diamine	14808-60-7	<10

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

HEALTH HAZARD INFORMATION

Inhalation, Skin Contact, Eye Contact, Swallowed.

Acute - Eye:	If this product comes in contact with the eyes: Wash out immediately with fresh running water.
Acute - Skin:	If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available).
Acute - Inhaled:	If fumes or combustion products are inhaled remove from contaminated area. Lay patient down. Keep warm and rested.
Acute - Swallowed:	IF SWALLOWED, REFER FOR MEDICAL ATTENTION, WHERE POSSIBLE, WITHOUT DELAY. For advice, contact a Poisons Information Centre or a doctor.

NOTES TO PHYSICIAN

For poisons (where specific treatment regime is absent):

BASIC TREATMENT

Establish a patent airway with suction where necessary.

Watch for signs of respiratory insufficiency and assist ventilation as necessary.

EXTINGUISHING MEDIA

There is no restriction on the type of extinguisher which may be used.

Use extinguishing media suitable for surrounding area.

FIRE FIGHTING

Alert Fire Brigade and tell them location and nature of hazard.

Wear breathing apparatus plus protective gloves for fire only.

FIRE/EXPLOSION HAZARD

Non combustible.

Not considered a significant fire risk, however containers may burn.

May emit poisonous fumes.

May emit corrosive fumes.

FIRE INCOMPATIBILITY

None known.

Personal Protective Equipment

Gas tight chemical resistant suit.

Limit exposure duration to 1 BA set 30 mins.

ACCIDENTAL RELEASE MEASURES

- MINOR SPILLS:** Clean up all spills immediately.
Avoid breathing vapours and contact with skin and eyes.
- MAJOR SPILLS:** Moderate hazard.
Clear area of personnel and move upwind.
Alert Fire Brigade and tell them location and nature of hazard

HANDLING AND STORAGE

- PROCEDURE FOR HANDLING:** DO NOT allow clothing wet with material to stay in contact with skin.
Avoid all personal contact, including inhalation.
Wear protective clothing when risk of exposure occurs.
- SUITABLE CONTAINER:** Polyethylene or polypropylene container.
Packing as recommended by manufacturer.
- STORAGE INCOMPATIBILITY:** None known.

PERSONAL PROTECTION

- RESPIRATOR:** Type AK-P Filter of sufficient capacity
- EYE:** Safety glasses with side shields.
Chemical goggles.
- HANDS/FEET:** Wear chemical protective gloves, eg. PVC.
Wear safety footwear or safety gumboots, eg. Rubber.
- NOTE:** The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact.
Contaminated leather items, such as shoes, belts and watch-bands should be removed and destroyed.
Suitability and durability of glove type is dependent on usage. Factors such as: frequency and duration of contact, chemical resistance of glove material, Overall. P.V.C. apron.
- OTHER:**
- ENGINEERING CONTROLS:** Local exhaust ventilation usually required. If risk of overexposure exists, wear approved respirator.

TOXICOLOGICAL INFORMATION POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

Harmful by inhalation and if swallowed.

Irritating to eyes and skin.

May produce discomfort of the respiratory system*.
(limited evidence).

CHRONIC HEALTH EFFECTS

May cause SENSITISATION by skin contact.

Possible respiratory sensitiser*.
Cumulative effects may result following exposure*.
(limited evidence).

TOXICITY AND IRRITATION

Unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances.

Contact allergies quickly manifest themselves as contact eczema, more rarely as urticaria or Quincke's oedema. The pathogenesis of contact eczema involves a cell-mediated (T lymphocytes) immune reaction of the delayed type.

TRIMETHYLOLPROPANE TRIAMINE ETHER, PROPOXYLATED:

Unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances.

TOXICITY

Oral (Rat) LD50: <200 mg/kg OECD 423*

Dermal (Rat) LD50: >2000 mg/kg OECD 402*

Dermal (Rabbit) LD50: 562 mg/kg **

The material may produce moderate eye irritation leading to inflammation.

Repeated or prolonged exposure to irritants may produce conjunctivitis.

Asthma-like symptoms may continue for months or even years after exposure to the material ceases. This may be due to a non-allergenic condition known as reactive airways dysfunction syndrome (RADS) which can occur following exposure to high levels of highly irritating compound.

The material may produce respiratory tract irritation. Symptoms of pulmonary irritation may include coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and a burning sensation.

The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling the epidermis.

Oral:

LD50/rat: > 50 - < 200 mg/kg (OECD Guideline 423)

No mortality within the stated exposition time as shown in animal studies. Literature data.

Skin irritation:

Non corrosive. (Epiderm Corrosivity Test)

Eye irritation :

Risk of serious damage to eyes. (HET-CAM test in vitro)

Genetic toxicity:

The substance was not mutagenic in bacteria.

*BASF MSDS ** Huntsman MSDS Jeffamine T-403

IRRITATION

Skin: non- corrosive *

ISOPHORONE DIAMINE: Unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances.

DISPOSAL CONSIDERATIONS

Containers may still present a chemical hazard/ danger when empty. Return to supplier for reuse/ recycling if possible. Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. DO NOT allow wash water from cleaning or process equipment to enter drains. It may be necessary to collect all wash water for treatment before disposal. Recycle wherever possible. Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.

TRANSPORTATION INFORMATION

HAZCHEM: None (ADG7)
NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS:
ADG7, UN, IATA, IMDG

CONTACT POINTS

South Coast Decorative
Concrete Supplies: 02 44235 111
Poisons Information Center: 131 126
Fire Brigade: 000
Ambulance: 000
Police: 000

We cannot anticipate all conditions under which this information and our products may be used. Users are advised to make their own tests to determine the safety and suitability of each product. All information in this Data Sheet is as up to date as possible. No warranty expressed or implied is made to the accuracy, reliability or completeness of this date. Designer Concrete Coatings assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of the material..

END OF MATERIAL DATA SAFETY SHEET