

**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 Resin, Part A. Please find both the Material Safety Data Sheet and Product Data Sheet included in this document.

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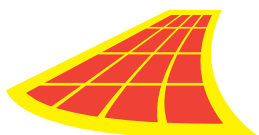
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MATERIAL SAFETY DATA SHEET

MSDS: SCDCS Epoxy System, SF25 Resin, Part A.

Date of Issue: February 22nd, 2014

SCDCS Epoxy System, SF25 Resin, Part A.

PRODUCT INFORMATION

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

Product Names:	SCDCS Epoxy System, SF25 Resin, Part A.
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:	Filled pigmented 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 %
bisphenol A diglycidyl	25085-99-8	30-60
ether polymer 4- tert- butylphenyl glycidyl ether	3101-60-8	<10

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

STATEMENT OF HAZARDOUS NATURE

HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS. According to NOHSC Criteria, and ADG Code.

Poisons Schedule: None

Risk: Limited evidence of a carcinogenic
May cause SENSITISATION by skin contact.
Repeated exposure may cause skin dryness and cracking.
Potentially explosive peroxides may form on standing.
Cumulative effects may result following exposure.
Possible respiratory sensitiser.
May possibly affect fertility (limited evidence).

Safety: Do not breathe gas/fumes/vapour/spray.
Avoid exposure - obtain special instructions before use.
To clean the floor and all objects contained by this material use water and detergent.
Keep away from food drink and animal feeding stuffs.
If swallowed IMMEDIATELY contact Doctor or Poisons Information Centre (show this container or label).

FIRST AID MEASURES

SWALLOWED: Immediately give a glass of water. First aid is generally not required. If in doubt, contact a Poisons Information Centre or a doctor.

EYE: Wash eyes out immediately with water. If irritation continues, seek medical attention.

SKIN: Immediately remove all contaminated clothing, including footwear. Flush skin with and hair with running water (and soap if available).

INHALED: If fumes or combustion products are inhaled remove effected person from the contaminated area. Other measures are usually unnecessary.

NOTE TO PHYSICIAN: Treat symptomatically.

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Foam.

Dry chemical powder.

FIRE FIGHTING

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

Wear full body protective clothing and breathing apparatus.

FIRE/EXPLOSIVE

This product should only be used where there is local exhaust ventilation.

Slight fire hazard when exposed to heat or flame.

Combustion products include: carbon dioxide (CO₂), aldehydes, other pyrolysis products typical of burning organic material. May emit poisonous fumes.

May emit corrosive fumes.

FIRE INCOMPATIBILITY

Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.

HAZCHEM: None

PERSONAL PROTECTION

Glasses:

Chemical goggles.

Gloves:

Respirator:

Type A-P Filter of sufficient capacity

ACCIDENTAL RELEASE MEASURES

MINOR SPILLS

Remove all ignition sources.

Clean up all spills immediately.

MAJOR SPILLS

Clear area of personnel and move upwind.

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

SAFE HANDLING INFORMATION

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

Metal can or drum

Packaging as recommended by manufacturer.

STORAGE INCOMPATIBILITY

Avoid reaction with amines, mercaptans, strong acids and oxidising agents.

Glycidyl ethers:

may form unstable peroxides on storage in air, light, sunlight, UV light or other ionising radiation, trace metals - inhibitor should be maintained at adequate levels
may polymerise in contact with heat, organic and inorganic free radical producing initiators.

STORAGE REQUIREMENTS

Store in original containers.

Keep containers securely sealed.

EXPOSURE CONTROLS/ PERSONAL PROTECTION

EXPOSURE CONTROLS

The following materials had no OELs on our records

bisphenol A diglycidyl ether polymer:

CAS:25085- 99- 8

4- tert- butylphenyl glycidyl ether:

CAS:3101- 60- 8

PERSONAL PROTECTION RESPIRATOR

Type A-P Filter of sufficient capacity

EYE: Safety glasses with side shields. - Chemical goggles.

HANDS/FEET: 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,. When handling liquid-grade epoxy resins

wear chemically protective gloves (e.g nitrile or nitrile-butadiene rubber), boots and aprons. DO NOT use cotton or leather (which absorb and concentrate the resin), polyvinyl chloride, rubber or polyethylene gloves (which absorb the resin). DO NOT use solvent to clean the skin.

OTHER

Overalls.

P.V.C. apron.

ENGINEERING CONTROLS

Local exhaust ventilation usually required. If risk of overexposure exists, wear approved respirator.

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

Not applicable.

CHRONIC HEALTH EFFECTS

May cause SENSITISATION by skin contact.

Limited evidence of a carcinogenic effect.

Repeated exposure may cause skin dryness and cracking.

Possible respiratory sensitiser*.

May possibly affect fertility*.

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.

Oxiranes (including glycidyl ethers and alkyl oxides, and epoxides) exhibit many common characteristics with respect to animal toxicology. One such oxirane is ethyloxirane; data presented here may be taken as representative.

for 1,2-butylene oxide (ethyloxirane):

Ethyloxirane increased the incidence of tumours of the respiratory system in male and female rats exposed via inhalation. Significant increases in nasal papillary adenomas and combined alveolar/bronchiolar adenomas and carcinomas were observed in male rats exposed to 1200 mg/m³ ethyloxirane via inhalation for 103 weeks.

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 or consult manufacturer for recycling options.

Consult State Land Waste Management Authority for disposal.

TRANSPORTATION INFORMATION

HAZCHEM: None (ADG7)

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: ADG7, UN, IATA, IMDG

REGULATORY INFORMATION

POISONS SCHEDULE: None **REGULATIONS**

Regulations for ingredients

bisphenol A diglycidyl ether polymer (CAS: 25085-99-8) is found on the following regulatory lists; "Australia Inventory of Chemical Substances (AICS)", "OECD

Representative List of High Production Volume (HPV) Chemicals"

4-tert-butylphenyl glycidyl ether (CAS: 3101-60-8) is found on the following regulatory lists; "Australia Inventory of Chemical Substances (AICS)"

No data for Hychem SF25 Resin (CW: 22-5182)

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