



Material SAFETY DATA SHEET

Strongcoat SL4 - Base

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Strongcoat SL4 - Base**
Description: Base component of self-leveling epoxy flooring system
Manufacturer: **Don Construction Chemicals India LTD**
Tel. +914426185340/41/42
www.dcp-int.com
Date Prepared: 21.10.2013
MSDS Number: DCP-IND/05/04-B

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Epoxy resin, epoxy diluent.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Epoxy resin (Number average molecular weight <700)	Xi, N	R36/38, 43, 51/53	25068-38-6	60

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Irritating to eyes and skin.
May cause sensitization by skin contact.
Toxic to aquatic organism, may cause long-term affects in the aquatic environment.

Classification: Xi, N. R36/38, 43, 51/53

4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for 15 minutes. Obtain medical attention urgently.

Skin: Wash immediately with soap and water or suitable skin cleanser. Remove contaminated clothes and shoes. Obtain medical advice if skin disorders develop.

Inhalation: Remove from exposure, obtain medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion: Rinse mouth thoroughly. Drink plenty of water. Do not induce vomiting. Obtain medical attention. Beware of aspiration if vomiting occurs.

5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup):	> 200°C.
Extinguishing Media:	Carbon dioxide, powder, foam or water.
Personal Protective Equipment:	Self-contained breathing apparatus.
Special Exposure Hazards:	Toxic fumes. Carbon oxides.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Soak up with inert absorbent such as sand. Gather into labeled containers. Dispose off as applicable regulations.

7: HANDLING AND STORAGE

Handling:	Maintain good standards of personal hygiene. Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation.
Storage:	Keep container tightly closed in a cool dry area.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection:	Safety glasses/goggles.
Skin Protection:	Impervious gloves (e.g. PVC). Suitable protective clothing.
Respiratory Protection:	Organic chemical cartridge respirator, if needed.
Hygiene Measures:	Change contaminated clothing and clean before re-use.
Engineering Controls:	No specific ventilation requirements noted.
Exposure Guidelines:	None assigned.

9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Various
Odour:	Resin
pH (concentrate):	Not applicable
Boiling Point (°C):	> 200
Flash Point (closed cup) (°C):	> 200
Autoflammability (°C):	Not determined
Explosive Properties (%):	Not Known
Relative Density (@25°C):	1.115 – 1.145
Water Solubility:	Insoluble

10: STABILITY AND REACTIVITY

Stability:	Stable: reacts with compounds containing amino, hydroxyl or carboxyl groups to give stable, cross linked materials.
Conditions to Avoid:	None Known.
Chemical Incompatibility:	Strong acids. Strong alkalis. Strong oxidizing agents.
Hazardous Decomposition Products:	Thermal decomposition yield oxides of carbon, toxic fumes.

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.
Acute Oral effect LD50 > 5000 mg/kg.
Classified as moderate sensitizer.

Health Effects

On Eyes:	Slight irritation (rabbit).
On Skin:	Moderate irritation (rabbit).
By Inhalation:	May cause respiratory irritation.
By Ingestion:	May cause irritation of mouth, throat and digestive tract.
Chronic:	Repeated and prolonged skin contact may lead to skin disorders.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed as intended, no adverse environmental effects are foreseen.
Mobility:	Viscous liquid. Insoluble in water.
Degradability:	Not readily biodegradable.
Bioaccumulation:	Not expected to be bioaccumulate.
Acute Fish Toxicity:	Ecotoxic to fish/daphnia/algae.

13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose off through an authorized waste contractor to a licensed site.
Used/ Contaminated Product:	As for unused product.
Packaging:	Must be disposed off through an authorized waste contractor.

14: TRANSPORT INFORMATION



UN Number:	3082
Transport Name:	Environmentally hazardous substance, liquid n.o.s (Epoxy Resin).

Transport Type:		Class:	Pack Group:	Marine Pollutant
At Sea	IMO	9	III	No
Air Transport	IATA/ICAO	9	III	
At land	RID/ADR	9	III	

