



Material SAFETY DATA SHEET

Strongcoat EU500 - Base

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Strongcoat EU500 - Base**

Description: Base component of three part high strength self-smoothing epoxy underlay

Manufacturer: **Don Construction Chemicals India LTD**
Tel. +914426185340/41/42
www.dcp-int.com

Date Prepared: 13.10.14

MSDS Number: DCP-IND/05/04-B

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Modified epoxy resin, nonreactive additives.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Bisphenol-A epoxy resin	Xi	R36/38, 43	25068-38-6	70 – 85
Alkyl(C ₁₂ -C ₁₄)glycidylether	Xi, N	R36/38, 43, 51/53	68609-97-2	10 – 15
Light aromatic solvent naphtha	F, Xn	R10a, 36/37/38	64742-95-6	< 10

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Flammable.
Irritating to eyes, respiratory system and skin.
May cause sensitisation by skin contact.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification: Xn, F, N. R10a, 36/37/38, 43, 51/53.



4: FIRST AID MEASURES

Eyes:	Irrigate immediately with copious quantities of lukewarm water for 15 minutes, Eyelids should be held away from the eyeball to ensure thorough rinsing. Obtain medical attention.
Skin:	Wash thoroughly with soap and water or suitable skin cleanser as soon as possible. Remove contaminated clothing. Obtain medical attention.
Inhalation:	Move to fresh air. Obtain medical attention if needed.
Ingestion:	Get medical attention. If a person vomits when lying on his back, place him in a recovery position. Never give anything by mouth to an unconscious person.

5: FIRE FIGHTING MEASURES

Flash Point:	> 40°C.
Special Exposure Hazards:	Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen and traces of hydrogen cyanide. In the event of fire and/or explosion do not breathe fumes.
Extinguishing Media:	Dry chemicals or carbon dioxide. Never use water spray jet.
Personal Protective Equipment:	Wear protective clothing and use self-contained breathing apparatus.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Put on protective equipment. Keep away from sources of ignition. Ensure adequate ventilation/exhaust extraction. Keep unauthorized persons away.
Environmental Precautions:	Keep away from drains, surface-water, ground-water and soil.
Decontamination Procedures:	Collect as much as possible in a container for disposal. Soak up the remainder with inert absorbent. Disposal according to local regulations.

7: HANDLING AND STORAGE

Handling:	Do not breathe vapour. Avoid contact with skin and eyes.
Storage:	Keep in a dry cool ventilated place. Direct sunshine should be avoided. Keep away from ignition sources – No smoking. Keep container tightly closed. Keep away from food, drinks and animal food.



8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingestion:	Prevent eating, drinking or smoking in the area of product use.
Eye Contact:	Safety glasses or chemical goggles.
Skin Contact:	Impervious gloves (e.g. PVC).
Inhalation:	When mist occurs during spraying operations, wear suitable respiratory protective equipment.
Respiratory Protection:	In case of insufficient ventilation, wear suitable equipment.
Engineering Controls:	Use only in well ventilated areas. Local exhaust ventilation is recommended.

9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Viscous liquid
Colour:	Cloudy
Odour:	Weak
Flash Point (closed cup) (°C):	> 40
Boiling Point (°C):	Not applicable
Explosive Properties (%):	Not applicable
Freezing Point (°C):	Not applicable
Relative Density (@25°C):	1.09 – 1.11
Water Solubility:	Insoluble

10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Excessive heating. Direct sunshine should be avoided. Electric discharge.
Chemical Incompatibility:	Oxidizing agents, acids, chlorine, nitrates, bases and alkalis.
Hazardous Decomposition Products:	Formation of toxic gases is possible during heating or in case of fire.



11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.
Expected oral LD50, rat > 2000 mg/kg.

Health Effects

On Eyes:	Irritant.
On Skin:	Irritant.
By Inhalation:	Irritant.
By Ingestion:	Irritant.
Chronic:	Not applicable.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed off as intended, no adverse environmental effects are foreseen.
Mobility:	Not applicable.
Degradability:	Not applicable.
Bioaccumulation:	Not applicable.
Acute Fish Toxicity:	Toxic to aquatic organisms.

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:	May be steam cleaned and recycled.

14: TRANSPORT INFORMATION






UN Number: 1263

Transport Name: Paint, 3, PG III, Flammable liquid.

Transport Type:		Class:	Pack Group:	Marine Pollutant
At Sea	IMO/IMDG	3	III	No
Air Transport	IATA	3	III	
At land	RID/ADR	3	III	

15: REGULATORY INFORMATION

Hazard Label Data:

Xn	F	N
		
Harmful	Flammable	Dangerous for the environment

Contains: Modified epoxy resin, Light aromatic solvent naphtha.

Risk Phrases:

R10	Flammable
R36/37/38	Irritating to eyes, respiratory system and skin
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases:

S24	Avoid contact with skin.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S28	After contact with skin, wash immediately with plenty of water.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S60	This material and its container must be disposed of as hazardous waste.

16: OTHER INFORMATION

Issue Date: 13/10/2014 Revised Date:

Disclaimer: The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.