



Material SAFETY DATA SHEET

Strongcoat PE4 - Base

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Strongcoat PE4 - Base**
Description: Base component of solvent free coal tar epoxy resin coating system
Manufacturer: **Don Construction Chemicals India LTD**
Tel. +914426185340/41/42
www.dcp-int.com
Date Prepared: 11.11.2013
MSDS Number: DCP-IND/06/03-B

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Epoxy resin, diluents and fillers.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Epoxy resin (number average molecular weight < 700)	Xi	R36/38, 43	25068-38-6	35 - 60
Alkyl(C12-C14)glycidylether	Xi, N	R36/38, 43, 51/53	68609-97-2	< 10

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

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

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

4: FIRST AID MEASURES

Eyes: Immediately flush eyes with plenty of water for at least 15minutes. Lifting upper and lower eye lids occasionally. Get medical attention immediately.

Skin: Remove contaminated clothes. Instantly wash with water and soap and rinse thoroughly. Wash clothes before reuse.

Inhalation: Remove to fresh air if symptom persists. Obtain medical advice.

Ingestion: Wash out thoroughly the mouth with water. Do not induce vomiting. Obtain medical advice.



5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup):	Not applicable.
Extinguishing Media:	CO ₂ , extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam. For safety reasons unsuitable extinguishing agents Water with a full water jet.
Personal Protective Equipment:	Self-contained breathing apparatus and full protective clothing.
Special Exposure Hazards:	Formation of toxic gases is possible during heating or in case of fire.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Immediately issue NO SMOKING and NO NAKED FLAMES warnings. Wear suitable protective clothing, gloves and eye/face protection Caution! Floor and other surfaces may be slippery. Ventilate area of leak or spill. Large and uncontained spillage should be smoother with foam to reduce the risk of ignition.
Environmental Precautions:	Prevent material from reaching sewage system, holes and cellars.
Decontamination Procedures:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). 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. In case of insufficient ventilation, wear suitable respiratory equipment. Wash hands thoroughly after contact. Avoid open flames and any sources of ignition.
Storage:	Keep container tightly closed in a cool dry area away from sources of heat and out of direct sunlight to avoid pressure build up. Store in conformity with local fire regulations. Store away from sources of ignition.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection:	Use chemical safety goggles and/or a full face shield where splashing is possible.
Skin Protection:	Wear impervious clothing, including boots, gloves, lab coats, aprons or coveralls.
Respiratory Protection:	A system of local and/or general exhaust is recommended to keep employee below the Airbone Exposure Limit. If the exposure limit is exceeded, a half-face dust/mist respirator may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respiratory supplier.
Hygiene Measures:	Change contaminated clothing and clean before re-use.
Engineering Controls:	Use only in well ventilated areas. Local exhaust ventilation is recommended.



9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Brownish
Odour:	Characteristic
Boiling Point (°C):	Not applicable
Relative Density (@15°C):	1.50 - 1.55
Water Solubility:	Not applicable

10: STABILITY AND REACTIVITY

Stability:	Stable at ambient temperature. Avoid static electricity discharge.
Chemical Incompatibility:	Strong oxidizing agents, strong acids and bases, strong amines.
Hazardous Polymerization:	In fire toxic fumes may be generated.

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components. Expected oral LD50, rat > 1000 mg/kg.

Health Effects

On Eyes:	Irritating to eyes.
On Skin:	Irritating to skin.
By Inhalation:	Can cause irritation to eyes, nose and throat due to exposure to vapor.
By Ingestion:	May cause irritation of mouth, throat and digestive tract.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	Toxic to aquatic organisms.
Mobility:	Not applicable.
Degradability:	Not readily biodegradable.
Bioaccumulation:	Not applicable.
Environmental Toxicity:	Do not allow product to reach ground water, water bodies or sewage system. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms

13: DISPOSAL CONSIDERATION

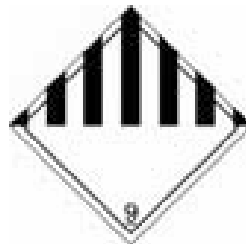
Disposal must be in accordance with local and national legislation.

Unused Product: Dispose off through an authorized waste contractor to a licensed site.

Used/ Contaminated Product: As for unused product.

Packaging: Must be disposed off through an authorized waste contractor.

14: TRANSPORT INFORMATION



UN Number: 3082

Transport Name: Environmentally hazardous substance, liquid, n.o.s.

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

15: REGULATORY INFORMATION

Hazard Label Data:

Xn



Harmful

N



Dangerous for the environment

Named Ingredients:

Epoxy resin

Risk Phrases:

R36/38

Irritating to eyes and skin.

R43

May cause sensitization 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

S37/39

Wear suitable gloves and eye/face protection.

S60

This material and its container must be disposed of as hazardous waste.

16: OTHER INFORMATION

Issue Date:

11/11/2013

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.