



Material SAFETY DATA SHEET

Repcoat P – Base

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Repcoat P – Base**

Description: Base component of two part high performance polyurethane based protective coating

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

Date Prepared: 10.02.15

MSDS Number: DCP-IND/06/02-B

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Polyester polyol, xylene, 1 Methoxy-2-propanol, inert fillers and additives.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
1-Methoxy-2-Propanol	F	R10	107-98-2	15 – 30
Methoxy-2-propyl acetate	F	R10	108-65-6	< 5
Butyl acetate	F	R10, 66, 67	123-86-4	< 5
Xylene isomers mixture	Xn	R20/21	1330-20-7	< 5

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Flammable.
Harmful by inhalation and in contact with skin.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Repeated exposure may cause skin dryness or cracking.
Vapours may cause drowsiness and dizziness.

Classification: Xn, F. R10, 20/21, 48/20, 66, 67



4: FIRST AID MEASURES

Eyes:	Hold the eyes open and rinse with preferably lukewarm water for a sufficiently long period of time (at least 10 minutes). Contact an ophthalmologist.
Skin:	In case of skin contact wash affected areas thoroughly with soap and plenty of water. Consult a doctor in the event of a skin reaction.
Inhalation:	Take the person into the fresh air and keep him warm, let him rest; if there is difficulty in breathing, medical advice is required.
Ingestion:	DO NOT induce the patient to vomit, medical advice is required.

5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup):	> 23°C.
Extinguishing Media:	Carbon dioxide (CO ₂), Foam, extinguishing powder, in cases of larger fires, water spray should be used. Do not use high volume water jets.
Personal Protective Equipment:	Self-contained breathing apparatus. Cool containers to prevent possible build up and possible explosion when exposed to extreme heat, material will support combustion.
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.

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:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Take up with absorbent for chemicals or, if necessary with dry sand and store in closed containers.

7: HANDLING AND STORAGE

Handling:	Provide sufficient air exchange and/or exhaust in work rooms. Exhaust ventilation necessary if product is sprayed. Explosion protection required.
Storage:	Keep container dry and tightly closed in a cool and well ventilated place. Further information on the storage conditions which must be observed to preserve quality can be found in our product information sheet.

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.
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:	Viscous liquid
Colour:	Grey
Odour:	Hydro carbon
pH (concentrate):	Not applicable
Boiling Point (°C):	> 93
Flash Point (closed cup) (°C):	> 23
Flammability limits (°C):	Not applicable
Relative Density (@25°C):	1.3 – 1.05

10: STABILITY AND REACTIVITY

Stability:	Contains volatile solvent.
Conditions to Avoid:	Any source of ignition. And temperatures above 25°C.
Chemical Incompatibility:	Strong oxidizers.
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) > 2000 mg/kg.

Health Effects

On Eyes:	Slight irritation.
On Skin:	Slight irritation.
By Inhalation:	Slight irritation.
By Ingestion:	Slight irritation.
Chronic:	Slight irritation.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	Contains volatile organic compounds.
Mobility:	Viscous liquid. Contains volatile components.
Degradability:	Not determined.
Bioaccumulation:	Not determined.
Acute Fish Toxicity:	Not determined.

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:	1866
Transport Name:	Resin solution.

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



Harmful

F



Flammable

Named Ingredients:

Polyester polyol, xylene, 1 Methoxy-2-propanol, inert fillers and additives.

UN Number:

1866

Risk Phrases:

R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

Safety Phrases:

S16	Keep away from sources of ignition - No smoking.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.

16: OTHER INFORMATION

Issue Date:

10/02/2015

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.