



Material SAFETY DATA SHEET

Repcoat S100

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Repcoat S100**
Description: Solvent based high performance aliphatic acrylate protective coating
Manufacturer: **Don Construction Chemicals India LTD**
Tel. +914426185340/41/42
www.dcp-int.com
Date Prepared: 26.05.14
MSDS Number: DCP-IND/06/01

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Solvent, resin, additives, inert fillers.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Light aromatic Solvent naphtha	Xn, N	R10, 36/37/38, 20, 65	64742-95-6	40 - 60

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Flammable.
Harmful by inhalation.
Irritating to eyes, respiratory system and skin.
Harmful: may cause lung damage if swallowed.

Classification: Xn, Xi, N. R10, 20, 36/37/38, 65.

4: FIRST AID MEASURES

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

Skin: Wash thoroughly with soap and water or suitable skin cleanser as soon as possible. Remove contaminated clothing and Wash them before reuse.

Inhalation: After high vapour exposure, remove to fresh air. If breathing is difficult, Give oxygen. If breathing has stopped give artificial respiration.

Ingestion: If swallowed, CALL A PHYSICIAN IMMEDIATELY! Do NOT induce vomiting.

Have patient lie down & keep warm. Vomiting may lead to pneumonitis, which may be fatal.



5: FIRE FIGHTING MEASURES

Flash Point:	35°C.
Special Exposure Hazards:	Water spray may be ineffective on fire but can protect fire fighters & cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear.
Extinguishing Media:	NFPA Class B extinguishers (Carbon Dioxide or foam) for Class II liquid fires.
Personal Protective Equipment:	Helmet with face shield, bunker coats, gloves & rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus. Keep container tightly closed. Isolate from oxidizers, heat, & open flame. Closed containers may explode if exposed to extreme heat. Applying to hot surfaces requires special precautions. Empty container very hazardous! Continue all label precautions!

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. Stop spill at source. Dike area & contain.
Decontamination Procedures:	Clean up remainder with absorbent materials. Mop up & dispose of. Dispose of in accordance with regulations.

7: HANDLING AND STORAGE

Handling:	Avoid skin and eye contact. Avoid breathing spray mist. Isolate from oxidizers, heat, & open flame. Use only with adequate ventilation. Avoid breathing of vapour or spray mist. Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, braze, or weld. Empty container very hazardous! Continue all label precautions!
Storage:	Do not store above 49 C/120 F. Store large amounts in structures made for OSHA Class II liquids. Keep container tightly closed & upright when not in use to prevent leakage.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingestion:	Prevent eating, drinking or smoking in the area of product use.
Eye Contact:	Wear OSHA Standard goggles or face shield.
Skin Contact:	Impervious gloves (e.g. PVC).
Inhalation:	Use vapour, mist gas mask within use limits, or ventilate to keep vapours of this material below 15 ppm.
Respiratory Protection:	If over TLV, use NIOSH approved positive pressure self-contained breathing apparatus.
Engineering Controls:	Provide readily accessible eye wash stations & safety showers. Wash at end of each work shift & before eating, smoking or using the toilet.
Exposure Guidelines:	Promptly remove clothing that becomes contaminated. Launder or discard contaminated clothing.

9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Various
Odour:	Aromatic
Flash Point (closed cup) (°C):	35°C
Autoflammability (°C):	Not determined
Explosive Properties (%):	Not known
Relative Density (@25°C):	1.19 – 1.29
Water Solubility:	Insoluble

10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Isolate from heat & open flame.
Chemical Incompatibility:	Isolate from strong oxidizers such as permanganates, chromates & peroxides.
Hazardous Decomposition Products:	Carbon Monoxide, Carbon Dioxide from burning. methyl methacrylate, n-butyl methacrylate.



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:	Primary irritation to eyes, redness, tearing, blurred vision. Liquid can cause eye irritation. Wash thoroughly after handling.
On Skin:	Primary irritation to skin dermatitis. Absorption thru skin increases exposure.
By Inhalation:	Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful.
By Ingestion:	Harmful or fatal if swallowed. Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.
Chronic:	Acute overexposure can cause damage to kidneys, blood, nerves, liver & lungs.

Material	CAS #	TWA (OSHA)	TLV (ACGIH)
Light Aromatic Solvent Naphtha	64742-95-6	100 ppm	25 ppm

12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed off as intended, no adverse environmental effects are foreseen.
Mobility:	Mobile liquid.
Degradability:	No biodegradable.
Bioaccumulation:	Not expected to be bioaccumulative.
Acute Fish Toxicity:	Can be ecotoxic to fish/daphnia/algae.

13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose off through in an approved manner. Do not empty in drains, sewers or water courses.
Used/ Contaminated Product:	As for unused product.
Packaging:	the method of disposal must be acceptable to the local authority.

14: TRANSPORT INFORMATION



UN Number: 1268

Transport Name: Combustible liquid, (Contains: Petroleum Distillates, Mixed Xylenes).

Transport Type:		Class:	Pack Group:	Marine Pollutant
At Sea	IMDG/IMO	3	III	Yes
Air Transport	ICAO/IATA	3	III	
At land	RID/ADR	3	III	

15: REGULATORY INFORMATION

Hazard Label Data:

Xn



Harmful

N



Dangerous for the environment

Named Ingredients: Solvent, acrylic polymer, additives, inert fillers.

Risk Phrases:

R10	Flammable.
R20	Harmful by inhalation.
R36/37/38	Irritating to eyes, respiratory system and skin.
R65	Harmful: may cause lung damage if swallowed.

Safety Phrases:

S16	Keep away from sources of ignition. No smoking.
S29	Do not empty into drains.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S24/25	Avoid contact with skin and eyes.



16: OTHER INFORMATION

Issue Date: 26/05/2014 Revised Date: 03.01.2016

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.