



Material SAFETY DATA SHEET

Repcoat Primer

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Repcoat Primer**
Description: Silane/siloxane based hydrophobic primer
Manufacturer: **DCP Saudi Co**
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Date Prepared: 30.10.16
MSDS Number: DCP/06/01/39

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Polymers, Solvents.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Light aromatic solvent naphtha	F, Xn	R10, 36/37/38, 20/65	64742-95-6	> 80

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

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

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

4: FIRST AID MEASURES

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

Skin: Remove contaminated water immediately. Wash thoroughly with soap and water or suitable skin cleanser as soon as possible. Obtain medical advice if skin disorder develops.

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:	42°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. 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!
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 and rubber boots). Use NIOSH approved positive-pressure self-contained breathing Apparatus. Do not enter confined fire-space without full bunker gear.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear rubber boots in addition to the recommended protective clothing.
Environmental Precautions:	Prevent entry into drains, sewers and water courses. Stop spill at source. Dike area and contain.
Decontamination Procedures:	Soak up with inert absorbent or container and remove by best available means. Mop up & gather into containers. Dispose off as waste. Prior consent must be obtained from the local water company if discharged to sewer.

7: HANDLING AND STORAGE

Handling:	Avoid contact with skin & eyes. Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse. 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 40°C. 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:	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 vapor, mist gas mask within use limits.
Engineering Controls:	Ventilate to keep vapors of this material below 15 ppm.
Exposure Guidelines:	Provide readily accessible eye wash stations & safety showers.

9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Clear
Odour:	Aromatic
Flash Point (closed cup) (°C):	42°C
Flammability classification:	Class II
Relative Density (@20°C):	0.85 – 0.95
Water Solubility:	Not applicable

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.



11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.
Expected oral LD50, rat > 2900 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, defatting, dermatitis. Absorption thru skin increases exposure.
By Inhalation:	Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful. Acute overexposure can cause damage to kidneys, blood, nerves, liver & lungs.
By Ingestion:	Harmful or fatal if swallowed. Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.
Chronic:	Chronic overexposure can cause damage to kidneys, blood, nerves, liver & lungs. Persons with severe skin, liver or kidney problems should avoid use.

Exposure guidelines:	<u>CAS#</u>	<u>TWA (OSHA)</u>	<u>TLV(ACGIH)</u>
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:	This product is non biodegradable.
Bioaccumulation:	This product does not accumulate or biomagnify in the environment.
Acute Fish Toxicity:	The most sensitive known aquatic group to any component of this product is: Rainbow Trout are adversely affected by components of this product.

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

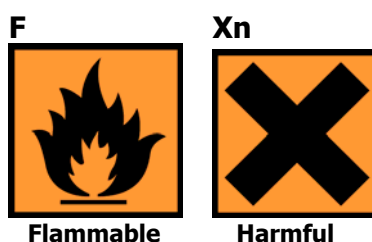


UN/SI Number: 1268
 Transport Name: Petroleum distillates, n.o.s. (contains: petroleum distillates, mixed xylenes), combustible liquid.

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

15: REGULATORY INFORMATION

Hazard Label Data:



Risk Phrases:

R10 Flammable.
 R36/37/38 Irritating to eyes, respiratory system and skin.
 R20/65 Harmful by inhalation, may cause lung damage if swallowed.

Safety Phrases:

S16 Keep away from sources of ignition. No smoking.
 S29 Do not empty into drains.
 S24/25 Avoid contact with skin and eyes.

16: OTHER INFORMATION

Issue Date: 30/10/2016 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.