



SAFETY DATA SHEET

1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name : DEKGUARD S
Application : Solvent based coloured coating.
Company : Fosroc Chemicals (India) Pvt. Ltd.
Address: No.38, 12th Cross, III floor, PSR, ID CBI Road,
Ganganagar North, Bangalore 560 032.
Telephone 080 – 23551500 Fax : 080 – 23551510

2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition: aromatic hydrocarbon solvent, acrylic copolymer, inorganic fillers, pigment.

Hazardous Ingredient(s)	Symbol	Risk Phrases	Other Information %
aromatic hydrocarbons	Xn	R10, 65	Cas No: 64742-95-6 >25 <50

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt. Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Flammable. Harmful if swallowed

4: FIRST AID MEASURES

Eyes : Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention if irritation persists.
Skin : Wash immediately with soap and water or suitable skin cleanser.
Inhalation: Remove from exposure, rest and keep warm and obtain medical attention urgently.
Ingestion: Do NOT induce vomiting. Obtain medical attention. Beware of aspiration if vomiting occurs.

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide, powder, foam or water fog - Do not use water jets.
Special Exposure Hazards: Toxic fumes. For further information see Section 10.
Special Protective Equipment: Self-contained breathing apparatus.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Immediately issue NO SMOKING and NO NAKED FLAMES warnings. Wear self contained breathing apparatus and protective clothing.
Environmental Precautions: Prevent entry into drains, sewers and water courses.
Decontamination Procedures: Soak up with inert absorbent or contain and remove by best available means. Dispose of as waste.



7: HANDLING AND STORAGE

Handling: Do not use near sources of ignition. Use only in well ventilated areas. Avoid breathing vapours. Avoid skin and eye contact.

Storage: Store away from sources of ignition. Store out of direct sunlight.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:-

Substance	8 Hour TWA	STEL	Source/Other Information
trimethylbenzenes, - all isomers or mixtures	125 mgm-3	-----	EH40

Engineering Control Measures: Use only in well ventilated areas. Use flameproof equipment and isolate all potential sources of ignition.

Personal Protective Equipment: In case of insufficient ventilation wear suitable respiratory equipment. Impervious gloves (eg PVA). Safety glasses / Goggles. Change contaminated clothing and clean before re-use.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Liquid.
Colour	: Pigmented.
Odour	: Sweet. Aromatic.
pH(concentrate)	: Not applicable (non-aqueous).
Boiling Point/Range (°C)	: 166 - 180
Melting Point/Range (°C)	: Not applicable.
Flash Point (closed, °C)	: 43
Autoflammability (°C)	: Auto ignition temperature: 500
Explosive Properties (%)	: Lower explosive limit (LEL): 1.0%. Upper explosive limit (UEL): 7.5%.
Oxidising Properties	: Not determined.
Vapour Pressure (kPa at 20°C)	: 0.26
Relative Density (at 20°C)	: 1.2
Water Solubility	: Insoluble.
Other data	: Evaporation rate (n-butyl acetate = 1): 0.25

10: STABILITY AND REACTIVITY

Stability: Contains volatile solvent.

Conditions to Avoid: Any source of ignition.

Materials to Avoid: Strong oxidising agents. Strong acids.

Hazardous Decomposition Products: Thermal decomposition:- Oxides of carbon.



11: TOXICOLOGICAL INFORMATION

Expected oral LD50, rat > 2g/kg.

Health Effects

On Eyes: Irritating, but does not injure eye tissue. Vapour may cause irritation.

On Skin: Mildly irritating. May defat the skin.

By Inhalation: Mist and vapours may cause irritation to nose and respiratory tract. High concentrations of vapour can cause narcosis and asphyxiation.

By Ingestion: May cause nausea, vomiting and diarrhoea. Aspiration of liquid during ingestion or from vomiting may cause severe chemical pneumonitis.

Chronic: Repeated and prolonged skin contact may lead to skin disorders.

12: ECOLOGICAL INFORMATION

Environmental Assessment: Contains volatile organic compounds. May cause significant ecological damage in aquatic systems and must be used and disposed of in accordance with the recommendations made in this safety data sheet.

Mobility: Volatile. Mobile liquid. Insoluble in water.

Persistence and Degradability: Not readily biodegradable, but is inherently biodegradable. Volatile organic compounds undergo photochemical degradation in the atmosphere.

Bioaccumulative Potential: Bioaccumulative, however with short retention period of the order of one week or less.

Ecotoxicity: Moderately ecotoxic to marine organisms.

13: DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

Unused Product: Dispose of through an authorised waste contractor to a licensed site.

Used/Contaminated Product: Dispose of through an authorised waste contractor to a licensed site. May be incinerated. Do not empty into drains, sewers or water courses.

Packaging: Must be disposed of through an authorised waste contractor. May be steam cleaned and recycled. Contains volatile solvent, ventilate before steam cleaning (explosion risk). Contains flammable residues, do not crush or incinerate.

14: TRANSPORT INFORMATION

UN Number: 1263

IMO: Class: Packing Group: Marine Pollutant: 3.3 III Yes

IATA/ICAO: Class: Packing Group: 3 III

ADR: Class: Item: 3 31(c)

Transport Name: Paint Related Material.

Hazchem/Kemler Code: 3[Y] / 30

