



Material SAFETY DATA SHEET

Monoseal

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Monoseal**
Description: High solids acrylic floor and wall sealer and curing compound
Manufacturer: **Don Construction Chemicals India LTD**
Tel. +914426185340/41/42
www.dcp-int.com
Date Prepared: 04.08.2008
MSDS Number: DCP-IND/05/03

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Acrylic polymer, xylene.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Xylene	Xn, F	R10, 20/21, 36/38	1330-20-7	60 - 80
Acrylic polymer	-	-	-	10 - 20

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Flammable.
Harmful by inhalation and in contact with skin.
Irritating to eyes and skin.

Classification: Xn, F. R10, 20/21, 36/38

4: FIRST AID MEASURES

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

Skin: Remove contaminated clothes and shoes. Wash immediately with water for at least 15 minutes and follow with soap and water. Obtain medical advice if skin disorders develop.

Inhalation: Remove from exposure; obtain medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion: Do not induce vomiting. Obtain medical attention or deliver to closest hospital. Beware of aspiration if vomiting occurs.



5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup):	26°C.
Extinguishing Media:	Carbon dioxide, powder, foam or water. Don't Use water jets.
Personal Protective Equipment:	Self-contained breathing apparatus and full protective clothing.
Special Exposure Hazards:	Toxic fumes. Carbon oxides.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Immediately issue NO SMOKING and NO NAKED FLAMES warnings. If possible remove all possible sources of ignition. Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Soak up with inert absorbent such as sand. 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.
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:	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.						
Exposure Guidelines:	<table><tr><td>OSHA</td><td>PEL</td><td>STEL</td></tr><tr><td>Xylene</td><td>100 ppm</td><td>150 ppm</td></tr></table>	OSHA	PEL	STEL	Xylene	100 ppm	150 ppm
OSHA	PEL	STEL					
Xylene	100 ppm	150 ppm					

9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Clear
Odour:	Aromatic
pH (concentrate):	Not applicable
Boiling Point (°C):	136 - 145
Flash Point (closed cup) (°C):	26
Autoflammability (°C):	Autoignition temperature ~ 432 - 530°C
Relative Density (@25°C):	0.87 – 0.97
Water Solubility:	Slightly soluble

10: STABILITY AND REACTIVITY

Stability:	Contains volatile solvent. Stable under normal conditions.
Conditions to Avoid:	Any source of ignition. And temperatures above 35°C.
Chemical Incompatibility:	Strong oxidizing agents.
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 (rat).

Health Effects

On Eyes:	Moderate irritation.
On Skin:	Irritation.
By Inhalation:	May cause respiratory irritation.
By Ingestion:	May cause irritation of mouth, throat and digestive tract.
Chronic:	Repeated and prolonged skin contact may lead to liver and kidney damage.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	Contains volatile organic compounds.
Mobility:	Liquid. Contains volatile components.
Degradability:	Readily biodegradable.
Bioaccumulation:	Not expected to be bioaccumulate.
Acute Fish Toxicity:	Ecotoxic to fish/daphnia/algae.

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: 1263

Transport Name: Paints- flash point between 21°C and 55°C.

Transport Type:		Class:	Pack Group:	Marine Pollutant
At Sea	IMO/IMDG	3.3	III	No
Air Transport	IATA	3	III	
At land	RID/ADR	3	Item 31c	

15: REGULATORY INFORMATION

Hazard Label Data:

F



Flammable

Xn



Harmful

Named Ingredients:

Xylene

UN Number:

1263

Risk Phrases:

R10

Flammable.

R20/21

Harmful by inhalation and in contact with skin.

R36/38

Irritating to eyes and skin.

Safety Phrases:

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:

04/08/2008

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.