



# MATERIAL SAFETY DATA SHEET

## CONSTRUCTION FOAM

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### 5. FIRE FIGHTING MEASURES.

**Extinguishing Media:-** In case of fire use powder, foam, sand or water spray. Avoid using large quantities of water. Will form oxides of carbon and nitrogen and hydrogen fluoride if burnt.

**Protective Measures in Fire: -** Fire fighters should wear self contained breathing apparatus. In case of fire spray stored aerosol cans with water spray to keep cool.

### 6. ACCIDENTAL RELEASE MEASURES.

**Personal Protection during Spill:-** Wear gloves, goggles, protective clothing and respiratory equipment.

**Precautions to Protect Environment:-** Do not allow to enter water ways or drains.

**Spillage Clean Up Methods:-** Small amounts can be clean up with suitable solvent when liquid. If container is accidentally discharged. Allow to solidify before collecting.

### 7. HANDLING AND STORAGE.

**Usage Precautions:-** Use in a well ventilated area.

**Storage Criteria:-** Keep away from sources of ignition. Store containers at between 5 and 50°C out of direct sunlight.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

INGREDIENT.	CAS. No.	STD OEL (8hr.TWA)	LT EXP (8 Hrs)	ST EXP (15 Min)
Diphenylmethan-4,4 diisocyanate.		0.02mg/m <sup>3</sup>		

**Personal Protective Equipment: -** Wear impervious gloves, safety goggles, protective overalls and boots.

**Hygienic Work Routines: -** Avoid contact with eyes, skin or clothes. Do not inhale spray. Working procedures should be designed to minimise worker exposure to this product. :

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### 9. PHYSICAL AND CHEMICAL PROPERTIES.

<b>Appearance:</b> -	An aerosol product	<b>Flash Point:</b> -	Below 23°C
<b>Odour:</b> -	Barely perceptible	<b>Solubility in Water:</b> -	Insoluble
<b>Colour:-</b>	Yellow.	<b>Viscosity:-</b>	Highly Viscous

### 10. STABILITY AND REACTIVITY

**Stability:** Decomposition can occur above 100°C after loss of any volatile components.

**Materials to Avoid:** May react with strong oxidants.

**Conditions to avoid:** Avoid sources of heat or ignition.

### 11. TOXICOLOGICAL INFORMATION.

**Inhalation:** Repeated exposure may cause respiratory sensitisation.

**Skin Contact:** May produce significant skin irritation after prolonged contact.

**Eye Contact:** May cause significant eye irritation.

**Ingestion:** Not classified as Harmful. if Swallowed. May cause some irritation of the mouth and upper digestive tract.

**Other:** Diphenylmethane-4,4' Di-isocyanate LD50(Oral rat) >9200mg/kg

### 12. ECOLOGICAL INFORMATION.

**Environmental Hazards.** . VOC 20% w/w

**Degradability:** This product is inherently biodegradable. DO NOT release into surface waters.

### 13. DISPOSAL CONSIDERATIONS

**Disposal Methods:** When disposing of waste or surplus material avoid contact with eyes and skin.. wear impervious gloves, overalls, safety goggles and suitable respiratory equipment.  
Do not mix with other waste materials. Dispose of in accordance with local and national recommendations.

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### 14. TRANSPORT INFORMATION

**Label for Conveyance.** This product is classified as Dangerous for transport and should be labelled:-  
"Flammable aerosol UN No 1950 Flammable Gas Class 2.1."

### 15. REGULATORY INFORMATION

**Label for Supply:**



Harmful Xn



Extremely Flammable F+

<b>Risk Phrases.</b>	R12 .	Extremely Flammable
	R20	Harmful in contact with skin.
	R36/37/38	Irritating to eyes, respiratory system and skin.
	R42	May cause sensitisation by inhalation

<b>Safety Phrases</b>	S2	Keep out of reach of children.
	S3	Keep in a cool place.
	S16	Keep away from sources of ignition.-no smoking.
	S25	Avoid contact with eyes.
	S6/37/39	Wear suitable protective clothing/gloves and eye protection.

### 16. OTHER INFORMATION

**User Notes :**

THE INFORMATION GIVEN IN THIS DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF THE COMPANY,S KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE INDICATED. HOWEVER NO WARRANTY, GUARANTEE OR REPRESENTATION IS MADE AS TO ITS ACCURACY,RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY THEMSELVES AS TO THE SUITABILITY AND APPLICATION OF SUCH INFORMATION FOR THEIR OWN USE