



# **Robustner**

## MATERIAL SAFETY DATA SHEET

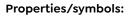
#### **1. PRODUCT AND COMPANY INFORMATION**

i)	<b>Product Information</b>
	Product Name
	Physical form
	Color

:	<b>VURA Robustner</b>

- : Liquid
  - : Colorless
- ii) Company Information
- : Vura Bau-Chemie LLP
- Manufacturer Address Tel
- : 1302, 13th Floor, Elite Business Hub, Sola, Ahmedabad 380060, Gujarat, India.
- : +91 79 4849 2890 : care@vura.ae

#### 2. HAZARDS INFORMATION



Mail



- H226 Flammable liquid and vapor
- H332 Harmful if inhaled
- H319 Irritating to eyes and skin
- H335 May cause respiratory irritation

Precautionary statements:

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
- Avoid breathing mist/vapors
- Wash hands thoroughly after handling
- Avoid release to the environment
- Wear protective gloves/protective clothing/eye protection/face protection
- If skin irritation or rash occurs: Get medical advice/attention
- If eye irritation persists: Get medical advice/attention

#### 3. COMPOSITION / INGREDIENTS

Ingredients	CAS No	Percentage (w/w%)
Tetraethyl silicate	78-10-4	30-60%
Dearomatized Hydrocarbons	64742-47-8	5-15%

#### 4. FIRST-AID MEASURES

I)	Inhalation	:	Supply fresh air and consult a doctor.
i)	Skin contact	:	Remove contaminated clothing and rinsed immediately with plenty of running water, possibly with soap.
ii)	Eyes contact	:	Flush with plenty of water at least for 15 mins.
		:	Obtain medical assistance if symptoms persist.
iii)	Swallowing	:	Rinse out mouth, nose and throat.
		:	Seek medical assistance if symptoms persist.

#### 5. FIRE FIGHTING MEASURES

i) Fire hazard

iii) Protection

- ii) Extinguishing media
- : In case of fire, toxic substances such as CO, HCI may get released.
- : Suitable extinguishing agents  $CO_2$  and powder or water spray.
- : Protective clothing and self- contained breathing equipment should be available for fireman. Do not inhale explosion or combustion gases.





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#### 6. ACCIDENTAL RELEASE MEASURES Personal protection : Wear gloves and goggle to clean up spills. Avoid skin contact. i) ii) Environmental precautions Prevent the product contamination in soil and groundwater. Prevent entering : into sewers and waterways. iii) Product Cleaning/Recovery : Large spillages : Collect and pump into containers Small spillages : Absorb on sand and collect into containers for disposal. 7. HANDLING AND STORAGE i) Handling : Good industrial and personnel hygiene practices should be followed. Avoid contact with skin and eyes, inhalation of vapors and mists. : Keep only in the original container in a cool, well-ventilated place away from i) Storage extremely high or low temperatures. Keep container closed when not in use. ii) Specific use : Use the best available methods of handing the products whereby employees enjoy maximum safety with minimum adverse effect on environment. 8. EXPOSURE CONTROL / PERSONAL PROTECTION i) Exposure limit values : No danger in ambient conditions. Users should determine the conditions for safe use of the products. : Use Personal protective equipment: Avoid all unnecessary exposure. ii) Exposure controls Materials for protective clothing: In case of repeated or prolonged exposure use Chemical resistant protective apron/clothing Hand protection: Wear protective gloves Eye protection: Chemical goggles or safety glasses Skin and body protection: Chemical resistant gloves Chemical resistant safety shoes. If on skin: Wash with plenty of soap and water. Respiratory protection: Wear appropriate mask Other information : Do not eat, drink or smoke during use.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

i)	Physical state/Appearance	:	Liquid
ii)	Color	:	Colorless
iii)	Odor	:	Characteristics
iv)	pH value	:	NA
v)	Density (kg/l @ 27° C)	:	Approx. 1.0 g/cm <sup>3</sup>
vi)	Solubility in water	:	Not Miscible
vii)	Flash point (°C)	:	> 40°C
viii)	Auto-ignition temperature (°C)	:	>230°C
ix)	Explosive properties	:	No components with explosive properties
x)	Oxidizing properties	:	Reacts with strong oxidizing agents
xi)	Solid/gas flammability	:	NA

#### **10. STABILITY AND REACTIVITY**

i)	Conditions to avoid	:	Stable under the normal storage conditions.
ii)	Materials to avoid	:	Strong reducing agents, oxidizing agents and stron

- : Strong reducing agents, oxidizing agents and strong acids.
- iii) Hazardous decomposition : Possibly other toxic vapors in case of fire.





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#### **11. TOXICOLOGICAL INFORMATION**

On product	<ul> <li>No toxicity data available for mixture</li> <li>Under normal industrial conditions,</li> <li>there is no indication that the product can be considered as a health risk.</li> <li>Skin contact should be avoided to prevent possible long - term or</li> <li>short - term sensation.</li> </ul>
12. ECOLOGICAL INFORMATION	
i) Biodegradability	: No data available on the preparation.
	Adopt good industrial practices, so that the product is not released into the environment.
ii) Eco-Toxicological Information	: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
iii) Results of PBT and vPvB assessmer	nt: PBT-Not applicable
	vPvB -Not applicable

#### **13. DISPOSAL CONSIDERATION**

Dispose of waste and residues in accordance with local authority requirements. Avoid release to the environment.

#### **14. TRANSPORT INFORMATION**

i)	General information	:	Tetraethyl Silicate
ii)	Environmental hazards		
	ADR-Environmental Pollutant	:	Yes
	IMDG-Marine Pollutant	:	Yes
iii)	Transport hazards	:	ADR - Class III (flammable liquid)
			IMDG, IATA - Class III (flammable liquid)

### **15. REGULATORY INFORMATION**

- Safety, health and environmental regulations/legislation specific for the substance or mixture Named dangerous substances: None of the ingredients is listed VOC: Not applicable.
- ii) Chemical safety assessment: No Chemical Safety Assessment has been carried out for the mixture

#### **16. OTHERS INFORMATION**

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