



ORINATE-80

Toluene Diisocyanate 80/20 (TDI 80/20)

Technical Specifications

ORINATE-80 is used in the production of flexible polyurethane foam and other polyurethane applications including elastomers, synthetic leather, coated fabrics, paints and adhesives.

SPECIFICATIONS

Assay	:	99.7% min.
Acidity	:	20PPM max.
Color	:	APHA 15 max.
Hydrolyzable Chlorine	:	0.01% max.
Total Chlorine	:	0.1% max.
Isomer Ratio	:	2,4 –isomer 80 +/-1%
		2,6 –isomer 20 +/-1%

TYPICAL PROPERTIES

Appearance	:	Water white to pale yellow liquid
Chemical Formula	:	$CH_3C_6H_3(NCO)_2$
Molecular Weight	:	174.16
Boiling Point at 1 atm	:	251 °C
Specific Gravity at 25 °C	:	1.22
Flash point	:	132 °C
vapor Pressure at 20 °C	:	0.1mmHg

STORAGE

ORINATE-80 containers should be kept properly closed and stored indoors in a well-ventilated and fire-proof place. When opening the containers, operators should wear goggles, gloves and rubber aprons. Containers should be handled carefully to avoid damage. In case of leakage, transfer it into another proper container in a well-ventilated and dry place. When opening the cap, use an opener or wrench. Once the cap is loosened, pause until the high pressure in the container equalizes with the atmospheric pressure, then open the cap slowly.

FIRST AID

In the event of inhalation, remove the patient from the contaminated area. In more serious cases, administer therapeutical oxygen, and send for a doctor. **In the event of contact with the skin**, immediately remove the soiled garments. Immediately wash the affected area thoroughly with soap and water. Send for a doctor. **In the event of contact with the eyes**, wash immediately with generous amounts of water for at least 15 minutes keeping the eyes well open. Send for a doctor. **In the event of ingestion**, immediately drink a large amount of water. Send for a doctor

PACKING 250kg net in new steel drum (Tare weight:21.5kg)