

UNATE IL-135

TDI Trimer

TECHNICAL DATA SHEET

1. PRODUCT DESCRIPTION

UNATE IL-135 is an aromatic polyisocyanate based on toluene diisocyanate and dissolved in ethyl acetate.

2. FEATURES & APPLICATIONS

UNATE IL-135 is used in the formulation of fast drying two-component clear and pigmented polyurethane coatings.

Features :

- Fast drying
- Hardness
- Compatibility with polyol

Applications :

- Wood
- Polyurethane varnish
- Silk screen ink
- Synthetic leathers

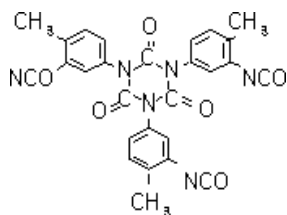
3. SOLUBILITY

- Partially dissolved in Aromatic Hydrocarbons (Toluene, Xylene)
- Completely dissolved in Esters and ketones (Ethyl acetate, Butyl acetate, MEK)

4. PRODUCT SPECIFICATION

| Property | Value |
|----------------------------|----------|
| Solid Content (%) | 50±1 |
| NCO Content (%) | 8.0±0.5 |
| Free TDI (%) | Max. 1.0 |
| Viscosity (at 25°C, mPa.s) | 1300±500 |
| Color (Gardner) | Max. G-1 |

5. MOLECULAR STRUCTURE



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6. PHYSICAL PROPERTIES

| Property | Value |
|-----------------------------|-------|
| Equivalent Weight (Average) | 525 |
| Density (g/ml, at 20°C) | 1.09 |
| Flash Point (°C) | 31 |
| | |

7. STORAGE GUIDE

The product is sensitive to moisture and should therefore be stored in its sealed original containers. Containers should be tightly sealed and protected from heat, moisture, and foreign materials. The recommended storage temperature is between 0°C to 30°C. Storage at higher temperatures will cause an increase in viscosity.

8. SHIPPING INFORMATION

220 kg steel drums .

9. SAFETY INFORMATION

The material safety data sheet (MSDS) should be observed. This contains information on labeling, transport and storage as well as on handling,