

## IPDI Quick drying Covestro Z4470 SN

### **ABOUT:**

Aliphatic polyisocyanate (IPDI trimer).As the hardener component for lightfast polyurethane coating systems and as an additive resin for alkyd spray coatings.

### **Product Types:**

- PIC
- IPDI
- Aliphatic polyisocyanate
- Crosslinkers
- Polyisocyanate
- Hardeners
- Polyisocyanurate

### **Material:**

Coatings, paints & inks : Fast curing, Weather resistant, Solventborne,  
Hard

### **General Characterization:**

Aliphatic polyisocyanate (IPDI trimer).

As the hardener component for lightfast polyurethane coating systems and as an additive resin for alkyd spray coatings.

### **Storage Conditions:**

- Storage in original sealed Covestro container.
- Recommended storage temperature: 0 - 30 °C.
- Protect from moisture, heat and foreign material.

General information: The product is sensitive to moisture. Storage at higher temperatures will result in increase of color and viscosity.

Storage at significant lower temperatures will result in solidification.

This solidification is reversible by briefly heating the product without adversely affecting the quality of the product.

### **Technical Properties & Datasheets**

#### **Characteristics:**

Property Name	Test Method	Unit	Value
Density at 20 °C	DIN EN ISO 2811	g/ml	approx. 1.05
Equivalent weight			approx. 360
Flash point	DIN 53 213/1	°C	approx. 45
Viscosity at 25 °C	M014-ISO 3219/A.3	mPa*s	approx. 1700

**Specifications:**

Property Name	Test Method	Unit	Value
Viscosity at 23 °C	M014-ISO 3219/A.3	mPa*s	2,000 ± 600
Non-volatile content (0.2 g/1 h/120 °C)	M020-ISO 3251	%	70 ± 2
NCO content	M105-ISO 11909	%	11.9 ± 0.4
Monomeric IPDI	M106-ISO 10283	%	< 0.35
Color value (Hazen)	M017-EN 1557		≤ 60

**Storage and Transportation:**

STORAGE: It is recommended to store in a dry and cool area with proper ventilation.

**Packaging:**

200KG/drum Please fasten the packaging cover as soon as possible after original packaging to prevent the mixing of other substances such as moisture and other substances that may affect the performance of the product. Do not inhale dust, avoid skin and mucous membrane contact. Smoking, eating and drinking are prohibited in the workplace. After work, shower and change clothes.

Store contaminated clothes separately and reuse them after washing.

Maintain good hygiene practices.

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