

## HDI closed Covestro BL 3370

### **ABOUT:**

Blocked aliphatic HDI-polyisocyanate. To formulate lightfast one-component stoving polyurethane coatings with high thermal yellowing resistance; as an additive to improve flexibility and adhesion.

### **Product Types:**

- HDI
- PIC
- Aliphatic polyisocyanate
- Crosslinkers
- Polyisocyanate
- Hardeners
- Polyisocyanurate
- Isocyanate

### **Material:**

Coatings, paints & inks

Solventborne, Flexible, Thermally resistant, Elastic

### **General Characterization:**

Desmodur BL 3370 MPA is a blocked aliphatic polyisocyanate based on hexamethylene diisocyanate (HDI).

It is suitable for use in combination with Desmophen® grades to formulate lightfast, one-component stoving polyurethane coatings with high resistance to thermal yellowing; as an additive in conventional stoving coating systems to improve the reactivity, flexibility and adhesion.

**Storage Conditions:**

Desmodur BL 3370 MPA should be stored in tightly sealed original containers and protected from moisture, heat, and foreign materials. 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. Recommended storage temperature is 0°-30°C.

**Characteristics:**

Property Name	Test Method	Unit	Value
Density		g/cm <sup>3</sup>	approx. 1.08
Viscosity at 25°C		mPa·s	approx. 3,200

Equivalent weight			approx. 470
Flash point		°C	approx. 49
Blocked NCO content		%	approx. 8.9

### Specifications:

Property Name	Test Method	Unit	Value
Non-volatile content (1 g / 60 min / 80°C)		%	70 ± 3
Free NCO content		%	≤ 0.2
Viscosity at 23°C		mPa·s	3,800 ± 1,200
Hazen color value			≤ 60

### 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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