

HDI closed Vencorex D2

Description:

Blocked aliphatic polyisocyanate (HDI homopolymer), supplied at 75 % solids in aromatic solvent.

Specifications:

Colour	≤40 HAZEN (APHA)
Viscosity at 25°C	2500 - 4000 mPa.s
NCO (available after deblocking)	11.2 ±0.5 %
Solids content	75.0±2.0 %
Free NCO	< 0.2 %

The analytical methods are available upon request

Physical Properties:

Appearance	Clear liquid
Bulk density at 25°C	1060 kg/m ³ approx.
Weight per US gallon	8.85 lbs approx.
Flash point (closed cup)	49°C approx.
Equivalent weight (on delivery form)	375 g approx.

Solubility:

Soluble in esters, ketones, aromatic hydrocarbons. In most cases, esters/aromatic hydrocarbon mixtures are used.

Applications:

Tolonate™ D2 is typically used as a crosslinker of hydroxylated polymers notably polyesters and polyacrylates to prepare heat activated one component polyurethane systems for weatherable coatings giving excellent mechanical properties in conjunction with outstanding resistance to solvents, abrasion and chemical products. Tolonate™

D2 is commonly used in Automotive OEM formulations, can and coil coatings and other general industrial coatings on metal. The curing conditions are generally 20 to 40 minutes at 140-160°C (285-305°F) or 30 to 35 seconds at 320°C (PMT = 232 / 241°C).

Packaging and transport**Packaging (please contact our sales team for more details)**

- US origin: 215 kg net metallic drum
- France origin: deliveries of 860 kg net weight pallets (4 drums of 215 kg net weight).
- Other packaging: upon request

Transport:

Regulated. For more precise details, please refer to the safety data sheet

Storage conditions and shelf-life:

- Tolonate™ D2 is not affected by moisture at room temperature.
- Appropriate storage for two years does not normally affect Tolonate™ D2 in any way if it is stored in its sealed original drums in unusual storage conditions, at temperatures below 40°C.

Flammability and safety instructions:

Before handling this product please refer to its safety data sheet

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