



HDI

HDI (Hexamethylene-1,6-diisocyanate; CAS-number 822-06-0) is an aliphatic diisocyanate well suited for the production of non-yellowing type PU polymers and primarily used in PU paints.

1. Physical Characteristics

<i>Sales Specifications</i>	
<i>Appearance</i>	Clear liquid
<i>Assay (%)</i>	≥ 99.5
<i>Hydrolyzable Chlorine (%)</i>	≤ 0.03

<i>Additional Physical Properties*</i>	
<i>Viscosity (mm²/s at 23 °C)</i>	Approx. 2
<i>Color (APHA)</i>	≤ 10
<i>Density (g/cm³ at 23 °C)</i>	Approx. 1.05
<i>NCO contents (%)</i>	Approx. 49.9

*These properties are for reference only and not intended as a specification

2. Standard package

- Drum (220kg)
- Pail Can (20kg)

3. Storage

HDI must be stored in tightly sealed containers and protected from moisture and foreign materials. This product should be stored indoors between 15-25°C and used within three months of delivery.

4. International regulations

UN number: 2281
UN classification: Class 6.1 (Toxic Substances)
Packing group: II

IMPORTANT:

All the data described herein are reference values as results of tests conducted by Tosoh Corporation, with considerable caution, based on technical information which is considered to be reliable. Nothing contained herein is a representation, guarantee or warranty as to the use of such information for certain purposes or conflicts with any intellectual property rights in relation to that use.