

TDS (Technical Data Sheet)

P/N: Polyaspartic Polyurea Curing Agent

Customer: N/A
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Customer Desc: N/A

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Version History

Rev.	Status	Revision Description	Author/Approved	Date
A	Approved	Initial Release	Sha LIU	2024-01-18

Product Name: Polyaspartic Polyurea Curing Agent

Model No: HS101

Product Characteristics

HS101 is a silicon-modified HDI trimer curing agent. It delivers excellent adhesion and tensile strength, outstanding long-term UV resistance, as well as superior resistance to acid, alkali and salt spray. When blended with polyaspartic polyurea resin, it is suitable for coatings and adhesives requiring high impact resistance and superior weatherability.

Product Specifications

Viscosity at 25°C (mPa·s)	400 ~ 800
Color (Gardner Scale)	≤ 1.5
Specific Gravity (g/cm ³)	1.06 ~ 1.12
NCO Content (%)	19.5 ~ 20.5

Application

Formulated with polyaspartic polyurea resin to manufacture topcoats for metal anti-corrosion protection.

Packaging

200 kg per metal drum.

Storage & Shelf Life

Store indoors in a cool, dry, well-ventilated area away from direct sunlight. Keep drums tightly sealed to isolate moisture; contact with atmospheric water will trigger hydrolysis, polymerization and product deterioration.

The shelf life of intact original packaging is 12 months. Expired product may only be used after passing laboratory re-inspection.

Disclaimer

All information provided herein is verified accurate under specific test conditions. Users shall conduct independent testing to confirm suitability for their unique applications. Please contact our company for inquiries or full technical documentation.