SHAOGUAN DONGSEN SYNTHETIC MATERIAL CO., LTD.

TECHNICAL DATA SHEET

WDC-80H Waterborne Moisture-Curing Agent

PRODUCT FEATURES

Water can serve as both a diluent and participate in part of the reaction, helping to increase crosslink density. The product is non-yellowing, offers excellent chemical resistance, and has good storage stability.

APPLICATIONS

Suitable for one-component and two-component polyurethane systems requiring weather resistance.

PRODUCT PARAMETERS

Property	Specification	Unit
Appearance	Water-clear to slightly yellow transparent viscous liquid	/
(Fe-Co) Color Number	≤ 1	/
NCO Content	9.0 ± 0.5	%
Free HDI	≤ 0.1	%
Solid Content	80.0 ± 2.0	%
Viscosity (Rotational Viscometer, 25°C)	3000 ± 1000	mPa·s

INSTRUCTIONS FOR USE

1. This product may be diluted as appropriate with polyurethane-grade ester, ketone, aromatic hydrocarbon, and similar solvents with a water content below 0.05%. Before use, test the selected diluent. All diluents must be free from reactive substances such as water, alcohols, and amines.

2. This product is extremely sensitive to atmospheric moisture. When opening the container or repacking into smaller containers, prevent moisture from entering. Reseal the container immediately after use or use the product as soon as possible.

3. This product requires moisture for curing. The recommended application environment is 15-35°C with 50-90% relative humidity. Under unsuitable temperature or humidity conditions, curing time may be extended and application defects may occur.

PACKAGING AND STORAGE

1. Available in 10 kg, 20 kg, 60 kg, and 200 kg iron drums, or customized packaging according to customer requirements.

2. Store in a cool, dry environment and avoid outdoor exposure. Shelf life is 12 months in the original sealed packaging.

DISCLAIMER

This Technical Data Sheet has been prepared using advanced testing equipment and based on actual testing and production experience. However, differences in working conditions and material compatibility during application are beyond the company's control. Users are advised to conduct testing, experiments, and trial applications according to their actual requirements and intended use before applying this product. The company assumes no responsibility under this Technical Data Sheet for losses or risks arising from the user's use of the product.

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