韶关东森合成材料有限公司
Shaoguan Dongsen Synthetic Material Co., Ltd.

TECHNICAL DATA SHEET

Waterborne Isocyanate Hardener WD-8100A

PRODUCT CHARACTERISTICS

An anionic water-dispersible isocyanate hardener based on HDI. It is solvent-free and high-solids, with good hydrophilicity and easy emulsification. Designed as a hardener for two-component waterborne coatings, it provides high gloss, good film fullness, high hardness, and excellent chemical resistance.

APPLICATION RANGE

Hardener for two-component waterborne polyurethane systems, waterborne industrial coatings, floor coatings, and crosslinking applications.

PRODUCT PARAMETERS

Product Item	Specification	Unit
Appearance	Water-white to slightly yellow transparent viscous liquid	/
(Fe-Co) Color Number	<= 1	/
NCO Content	20.5 +/- 0.5	%
Free HDI	<= 0.3	%
Viscosity (rotational viscometer, 25 C)	4500 +/- 2000	mPa.s

INSTRUCTIONS FOR USE

1. This product may be diluted with urethane-grade solvents such as PMA (propylene glycol methyl ether acetate) and PGDA (propylene glycol diacetate).
2. This product is highly sensitive to moisture in the air. When opening the package or repacking into smaller containers, prevent moisture from entering. Reseal immediately after use or use the product as soon as possible.

PACKAGING AND STORAGE

1. Available in 10 kg, 20 kg, 60 kg, and 200 kg steel drums, or customized packaging.
2. Store in a cool, dry environment and avoid outdoor storage. Shelf life is 6 months in the original sealed package.

Disclaimer: This product data sheet is prepared by the Company based on actual testing and production experience using advanced testing equipment. However, variations in working conditions and material combinations during application are beyond the Company's control. Users are therefore advised to carry out testing, experiments, and trials according to their actual needs and intended use before applying this product. The Company assumes no liability under this data sheet for losses or risks arising from the user's use of this product.

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