

Technical Data Sheet



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SBL-9547 Water Dispersible Polyisocyanate

Product Description

SBL-9547 is a hydrophilic aliphatic polyisocyanate based on hexamethylene diisocyanate (HDI); used as a curing agent component for the aqueous two-component polyurethane system. The addition of this product can improve the performance of aqueous two-component polyurethane coatings (e. g. chemical resistance or solvent resistance).

Characteristic Data

Project	Technical norms
Appearance	Colorless or light yellowish transparent liquid
NCO Content of (%)	19.6±0.5
Non-volatile matter content (%)	100
Viscosity (mPa·s, 25°C)	1200±500

Solubility

SBL-9547 can be diluted with solvents such as esters and ether esters, such as propylene glycol methyl ether acetate (PMA), cyclohexanone, toluene, xylene, 100 solvents and their mixture. In general, this product has a good compatibility with the above solvents. However, the selected solution system must be tested for storage stability. Dilution curing agent must use polyurethane grade solvent (up to 0.05% moisture content, without reactive groups such as hydroxyl or amino group).

Package and storage

The packaging specifications of this product are 20kg and 200kg, and other packaging specifications can be agreed. Please place it in a dark, cool and dry place, the storage temperature should be at 5~30°C, keep the packaging complete, good sealing. The shelf life is 6 months.

Safety

SBL-9547 contains polyisocyanate and solvents, use should be particularly careful, skin contact with this product, may cause allergic reactions.

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