# N-2099H

Technical Data Sheet

**Water-dispersible polyisocyanate hardener** / Waterborne two-component polyurethane coatings / TDS

## 01 Product Description

A 99% solids sulfonate-modified water-dispersible polyisocyanate hardener with approx. 20.0% NCO, good hand-mixing dispersibility, high gloss and good chemical resistance.

## 02 Key Benefits

- Sulfonate-modified, good hand-mixing dispersibility, high gloss and good chemical resistance for waterborne 2K high-gloss coatings.

## 03 Recommended Applications

- Recommended for waterborne two-component polyurethane clearcoats, topcoats, industrial coatings and other hydroxyl-functional waterborne resin systems.
- Confirm compatibility and pot life before use.

## 04 Technical Data

| Item | Specification |
|---|---|
| Appearance | Clear to slightly hazy liquid |
| NCO Content | 20.0% |
| Solid Content | 99% |
| Viscosity | 约 5500 mPa.s |
| Modification Type | Sulfonate-modified, strongly hydrophilic ionic type |
| Solvent | Solvent-free or trace auxiliary solvent, subject to batch specification |
| Recommended NCO:OH | 1.0 - 1.3 as starting range, adjust by application test |

## 05 Packaging, Storage and Transportation

- Keep the container tightly closed and protect from moisture.
- Add slowly into the main component under stirring; pre-dilution shall be verified before production use.
- Store in a cool, dry and ventilated place. Avoid water contamination and prolonged exposure to heat.

Safety: Contains reactive isocyanate groups. Avoid inhalation, skin contact and eye contact. Use appropriate ventilation and personal protective equipment.