



CROSSLINKING AGENTS

HYDROSIN C-26

CROSSLINKER



DESCRIPTION

HYDROSIN C-26 is a high molecular weight aliphatic polycarbodiimide, in aqueous solution.

It is used as a crosslinking agent for polymer dispersions (polyurethane and acrylic) containing carboxyl groups, at room temperature.

TECHNICAL INFORMATION

APPEARANCE	Clear to slightly cloudy pale yellow liquid
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IONIC CHARGE	Non-ionic
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DENSITY	1,04 g/cm ³
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pH	7 - 8,5
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ACTIVE MATTER	39 - 41% (wt)
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SPECIAL FEATURES

- Easy to use, high compatibility and specific reactivity (with carboxyl groups).
- Water-based emulsion, non-flammable.
- Improves chemical resistance against organic solvents and water.
- Improves abrasion and scratch resistance.
- Adhesion improvement.
- High pot-life of the formulation (with pH > 8).
- Limited yellowing.

TECHNICAL SPECIFICATIONS

Solid content: **39 - 41%**

pH: **7 - 8,5**

STORAGE AND STABILITY

HYDROSIN C-26 is stable for 6 months if stored in original closed container at temperatures between 5 and 35°C (41 - 95°F). The product is sensitive to freezing.

APPLICATIONS

HYDROSIN C-26 is a cross-linking agent for dispersions, emulsions and aqueous polymer solutions containing carboxyl groups. The recommended dosage for **HYDROSIN C-26** is from 5.0 to 10.0 parts by weight in 100 parts of acrylic polymer or polyurethane dispersion. Preliminary tests should be performed in order to determine the appropriate dosage.

PERSONAL SAFETY

HYDROSIN C-26 is exempt from hazard labeling. Before using this product, please carefully read the current safety data sheet.

PACKAGING

- **Kg 50** / Plastic tank 3H1
- **Kg 200** / Plastic drum 1H1
- **Kg 1000** / IBC 31HA1