HYDROSIN NF-12
CROSSLINKER

DESCRIPTION
HYDROSIN NF-12 is a polymeric hydrophilic multifunctional carbodiimide, of aliphatic nature. It is used as a crosslinking agent for polymer dispersions (polyurethane and acrylic) containing carboxyl groups, at room temperature.

SPECIAL FEATURES
✔ Ease of use, high compatibility and specific reactivity (with carboxy groups)
✔ Improve the efficiency of fluorocarbon products
✔ Chemical resistance to organic solvents and water
✔ Abrasion Resistance
✔ Scratch resistance
✔ Adhesion improvement
✔ High shelf-life of the formulation at a pH> 8
✔ Limited yellowing

APPLICATIONS
HYDROSIN NF-12 is a cross-linking agent for dispersions, emulsions, and aqueous polymer solutions containing carboxyl groups. The recommended dosage for HYDROSIN NF-12 is from 5.0 to 10.0 parts by weight in 100.0 parts of acrylic polymer or polyurethane dispersion. Preliminary tests should be performed in order to determine the appropriate dosage.

TECHNICAL INFORMATION

<table>
<thead>
<tr>
<th>APPEARANCE</th>
<th>transparent yellowish liquid</th>
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<tbody>
<tr>
<td>% -NCN- GROUPS (theoretical in the product as supplied)</td>
<td>Min 6%</td>
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<tr>
<td>ACTIVE MATTER</td>
<td>100 %</td>
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SOLUBILITY
Soluble in water and organic solvents, such as acetone, glycols and glycol ethers.

STORAGE AND STABILITY
HYDROSIN NF-12 is stable for 6 months if stored in original closed plastic container at temperatures between 5 and 35°C. The product is sensitive to freezing.

PERSONAL SAFETY
HYDROSIN NF-12 is exempt from hazard labeling. Before using this product, please read the current safety data sheet.

PACKAGING
✔ Kg 50 – Plastic Drum
✔ Kg 200 – Plastic Drum
✔ Kg 1000 – Tank

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