CARBODILITE SW-12G

Water based faster curing Crosslinking Agent

General Information:

CARBODILITE SW-12G is a Low-toxic, multifunctional carbodiimide based micro micelle solution type crosslinking agent which helps improve various attributes such as:
- Water, solvent, chemical resistance
- Hardness, abrasion, scratch resistance
- Adhesiveness

It reacts with carboxyl group even in room temperature, within short period of time, dosage low as 3~7wt%.

Recommended curing condition: Over 20°C (68°F)

Key Benefits:
- Low-toxic
- Excellent performance at low temperature cure
- Excellent alkali resistance
- Longer pot life
- Excellent dispersibility

Suggested Uses:
- Crosslinker for industrial coatings, paints and ink where high spec performances are demanded
- Waterborne: acrylic, polyurethane resins
- Adhesion promoter

Physical Properties:

<table>
<thead>
<tr>
<th>Properties</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Transparent, pale yellow liquid</td>
</tr>
<tr>
<td>Solid Content</td>
<td>40wt%</td>
</tr>
<tr>
<td>Ionic Nature</td>
<td>Non ionic</td>
</tr>
<tr>
<td>Solvent</td>
<td>Water 42%</td>
</tr>
<tr>
<td>DPM</td>
<td>18%</td>
</tr>
<tr>
<td>Viscosity (20°C: 68°F)</td>
<td>700mPa·s</td>
</tr>
<tr>
<td>Carbodiimide equivalent weight</td>
<td>470</td>
</tr>
</tbody>
</table>

*1:Dipropylene glycol-mono-methylether (CAS NO. 34590-94-8)  *2:Standard Value

※Please refer to MSDS for more detailed information

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