# Technical Information

## D.E.H.™ 1450 Epoxy Curing Agent

### Description
D.E.H.™ 1450 Epoxy Curing Agent is a formulated polyaminoamide adduct curing agent for epoxy resins.

### Benefits
D.E.H.™ 1450 is a hydrophobic curing agent providing epoxy systems with excellent adhesion on humid and difficult-to-wet substrates. It can therefore be used for primers on concrete, for high solids, pigmented anticorrosion coatings on steel and for structural adhesives.

### Applications
- Adhesives
- Building & Civil Engineering
- Building & Civil Engineering: Primers & Impregnation
- Industrial Coatings: Marine and Protective

## Dow Epoxy

<table>
<thead>
<tr>
<th>Property</th>
<th>Nominal Value</th>
<th>Unit</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHEW</td>
<td>115</td>
<td>g/eq</td>
<td></td>
</tr>
<tr>
<td>Viscosity, absolute (25°C)</td>
<td>600 to 1400</td>
<td>mPa·s</td>
<td>ISO 3219</td>
</tr>
<tr>
<td>Colour (Max. Gardner)</td>
<td>11</td>
<td></td>
<td>ASTM D1544</td>
</tr>
<tr>
<td>Amine Value</td>
<td>270 to 300</td>
<td>mg KOH/g</td>
<td>ISO 9702</td>
</tr>
<tr>
<td>Pot Life (23°C, 100 g)</td>
<td>60</td>
<td>min</td>
<td>GELNORM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Geltimer-TC ¹</td>
</tr>
</tbody>
</table>

### Notes
These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

¹ Reference Resin: D.E.R.™ 331

### Safety Considerations

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c. use as a critical component in medical devices that support or sustain human life; or
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This document is intended for use within Europe

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D.E.H.™ 1501 Epoxy Curing Agent

Description
D.E.H.™ 1501 Epoxy Curing Agent is a formulated polyaminoamide based curing agent for epoxy resins. The product contains no VOC according to the European Directive 2004/42/EC and no alkyl phenol.

Benefits
D.E.H.™ 1501 is suitable for formulation of VOC according to the European Directive 2004/42/EC and no alkyl phenol.

Applications
• Building & Civil Engineering: Mortars & Grouts

<table>
<thead>
<tr>
<th>Dow Epoxy</th>
<th>Nominal Value</th>
<th>Unit</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHEW</td>
<td>63</td>
<td>g/eq</td>
<td></td>
</tr>
<tr>
<td>Viscosity, absolute (25°C, C/P 50 mm)</td>
<td>70 to 170</td>
<td>mPa·s</td>
<td>ISO 3219</td>
</tr>
<tr>
<td>Colour (Max. Gardner)</td>
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<td></td>
<td>ASTM D1544</td>
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<tr>
<td>Density (25°C)</td>
<td>0.95</td>
<td>g/cm³</td>
<td>ASTM D4052</td>
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<td>Amine Value</td>
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<td>mg KOH/g</td>
<td>ISO 9702</td>
</tr>
<tr>
<td>Pot Life (23°C, 100 g)</td>
<td>70</td>
<td>min</td>
<td>GELNORM Geltimer-TC 1</td>
</tr>
</tbody>
</table>

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