InChemRez Phenoxy CER-HB
Epoxy/Phenoxy Hybrid

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InChemRez CER-HB is a 100% NV liquid cycloaliphatic type epoxy resin having a 10% modification of a high molecular weight Phenoxy resin. Phenoxy (polyhydroxyether) resins are tough and ductile thermoplastic amorphous polymers having excellent thermal stability, cohesive and adhesive strength, and compatibility with epoxy resins.

CER-HB combines the high temperature performance and excellent electrical properties of a cycloaliphatic epoxy resin and the toughening of Phenoxy resin in one shelf-stable package for use in formulating composites, coatings & inks (conventional and UV), and adhesives.

CER-HB can be further modified with liquid epoxy resins to provide for lower levels of contained Phenoxy resin. Reactive diluents such as glycidyl ethers, and solvents such as benzyl alcohol and propylene carbonate, as well as other epoxy modifying agents can also be added to CER-HB.

Two-package epoxy formulations containing CER-HB and acidic hardeners such as Lewis acids or organic acid anhydrides are recommended.

APPLICATIONS
- Latent Cure Adhesives & Sealants
- 2-Component Epoxy Coatings
- Epoxy-Based Composites
- Cationic UV Cure Coatings

InChem Rez Phenoxy CER-HB

InChemRez CER-HB
Safety and Handling

InChemRez CER-HB is sold in 55-gallon drums containing 485 pounds (220 kg) net. The resin is indefinitely stable in unopened containers when stored at normal temperatures.

CER-HB may be stored at 110 to 120°F for short periods of time to permit ease of transfer and pumping. Ground all containers when transferring material.

Avoid contact with skin, eyes, and the breathing of any vapors or mists. Wear OSHA standard respirators, gloves, and other appropriate PPE when handling warm quantities of CER-HB. Consult the product MSDS for additional information on properties, hazards, and handling.

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent Solids</td>
<td>100</td>
</tr>
<tr>
<td>Viscosity</td>
<td>8,000 - 15,000 cP</td>
</tr>
<tr>
<td>Brookfield</td>
<td>145 - 159</td>
</tr>
<tr>
<td>Color</td>
<td>2 max. (Gardner)</td>
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<tr>
<td>Sp. Gravity</td>
<td>1.2</td>
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</tbody>
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