Araldite® DY-CNO Diluent

Product Description

Araldite® DY-CNO Diluent is a glycidyl ether of cashew nut shell liquid (CNSL). Araldite® DY-CNO reactive diluent exhibits low volatility and is utilized to reduce viscosity of the coating formulation. Reactive diluents take part in the curing reaction and considerably decrease the viscosity of the coating. Although the addition of reactive diluents will have some influence on the end properties of the cured coating, they represent the best choice of viscosity reduction without the use of solvents. The chemical structure is shown below.

![Chemical Structure](image)

Applications

- Solvent-free and high solids coatings
- Flooring
- Adhesives
- Castings
- Electrical applications

Features

- Effective viscosity reducer / flexibilizer
- Very low volatility
- Reduces surface tension and improves wetting properties
- Good flow and leveling
Typical Properties*

<table>
<thead>
<tr>
<th>Property</th>
<th>Araldite® DY-CNO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear, no contamination</td>
</tr>
<tr>
<td>Color, Gardner, max</td>
<td>13</td>
</tr>
<tr>
<td>Epoxy value, eq/kg</td>
<td>1.70 - 2.40</td>
</tr>
<tr>
<td>Epoxy equivalent, g/eq</td>
<td>416 - 588</td>
</tr>
<tr>
<td>Viscosity at 25°C, cP</td>
<td>30 - 70</td>
</tr>
<tr>
<td>Density at 25°C, g/cm³</td>
<td>0.97</td>
</tr>
<tr>
<td>Flash point, closed cup, °C</td>
<td>204</td>
</tr>
</tbody>
</table>

*Properties are based on Huntsman test methods. Copies are available upon request

Figure 1. The effect of various Huntsman reactive diluents used with Araldite GY 6010® Epoxy
Storage

Araldite® DY-CNO Diluent is supplied in 400 pound steel drums. It should be stored in a dry place, in the original sealed containers, at temperatures between 2°C and 40°C (36°F and 104°F). Under these storage conditions, the product has a shelf life of 5 years (from date of manufacture). The product should not be exposed to direct sunlight.

Precautionary Statement

Huntsman Advanced Materials Americas LLC maintains up-to-date Safety Data Sheets (SDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest MSDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

First Aid!
Refer to SDS as mentioned above.

KEEP OUT OF REACH OF CHILDREN

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