

# Araldite<sup>®</sup> CY 9579

## A Medium Viscosity, Unmodified Liquid Epoxy Resin

<b>General</b>	Araldite <sup>®</sup> CY 9579 is a general purpose unmodified liquid epoxy resin applied widely in both room temperature and heat cured systems. It is the standard from which a great number of variations were developed.	
<b>Chemical Description</b>	Araldite CY 9579 is an unmodified liquid epoxy resin based on bisphenol A and epichlorohydrin.	
<b>Applications</b>	Coatings Electrical Civil Engineering	Matrix Adhesives
<b>Advantages</b>	Good mechanical and electrical properties Good chemical resistance Good heat resistance Good adhesion Versatile Easy to cure with a variety of different types of hardeners Compatible with many different fillers, diluents and accelerators Conforms to FDA listings in 21 CFR 175.300	
<b>Typical Properties*</b>	Visual Appearance Color, Gardner, max Epoxy Value, eq./kg Epoxy Equivalent, g/eq. Viscosity @ 25°C (77°F), mPa s (cPs) Density @ 25°C (77°F), g/cm <sup>3</sup> (lb/gal.) Flash Point, Closed Cup, °C (°F)	Clear, no contamination 1 5.2 - 5.5 182 - 192 11,000 - 14,000 1.15 - 1.18 (9.6 - 9.8) 254 (490)

\* Typical properties are based on Huntsman test methods. Copies are available upon request.

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**Packaging & Storage**

Araldite® CY 9579 epoxy resin is supplied in bulk and in 500 pound steel drums. This material should be stored at room temperature in the original sealed container (actual expiration date appears on the label). Like most liquid epoxy resins, Araldite® CY 9579 resin may crystallize when stored below room temperature. Heating the resin to 60-70°C (140-160°F), preferably in a water bath, for several hours, will reliquify it and restore its original properties.

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**Handling/Safety  
Precautions**

**Warning: Causes irritation.  
May cause allergic skin reaction.**

Avoid contact with eyes, skin or clothing.  
Avoid breathing vapor, mist or spray.  
Use with adequate ventilation.  
Promptly remove wet, contaminated clothing and wash before reuse.  
Wash after handling.  
Store in a cool, dry area in closed containers.

**Read Material Safety Data Sheet Before Using.  
For Industrial Use Only.**

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**First Aid**

**In case of contact:**

**Eyes:** Immediately flush with water for at least 15 minutes. Call a physician.

**Skin:** Promptly wash thoroughly with mild soap and water.

**Inhalation:** Remove to fresh air. Give oxygen if breathing is difficult.

**Ingestion:** If conscious, give plenty of water. Get medical attention.

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