

# Technical Data



## **Resicure™ EMI-24 and EMI-24LV**

### **Description:**

EMI-24 is commonly used as a sole curing agent or as a dicy and anhydride cure accelerator in epoxy resin-based formulations. Typical loading level as a sole curing agent is about 1-5 phr and as a dicy and anhydride cure accelerator is about 0.5 – 3.0 phr.

Resicure EMI-24 LV is a lower viscosity version of Resicure EMI-24.

### **Advantages:**

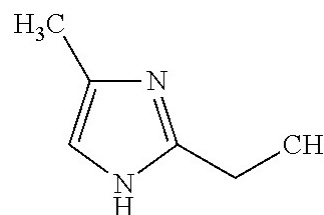
- Rapid reactivity at temperature <100°C with 9-12 hours latency
- High glass transition temperature
- High chemical resistance

### **Typical Applications:**

- One-component adhesives for electronics applications
- Composites such as prepregs and filament winding
- Electrical potting and encapsulation

### **Handling Precautions:**

Refer to the product Safety Data Sheet



**2-ethyl-4-methylimidazole**

<b>Typical Properties:</b>	<b>EMI-24</b>	<b>EMI-24 LV</b>
Appearance:	Brownish Liquid	
Viscosity (@25°C):	9600 cPs	1000 cPs
Gardner color:	16	15
Moisture content:	<0.4%	< 0.4%
Assay:	> 85%	>83%

Recommended use level with

Epoxy resin (EEW=190): 1-5 PHR

### **Typical Performance:**

Gel time @ 100°C:	7.0 minutes
Gel time @ 150°C:	1.0 minutes
Latency at 25°C:	9-12 hours
HDT:	163°C

### **ACCI Specialty Materials**

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