

**6446****Epoxy Adhesive**

Fast Setting, Excellent Adhesion Strength, High Chemical Resistance

<b>UNCURED PROPERTIES</b>		
<b>Product</b>	6446-A	6446-B
<b>Appearance</b>	Liquid	
<b>Color</b>	Colorless	Light Yellow
<b>Viscosity, cP @25°C</b>	16,000 - 24,000	12,000 - 17,000
<b>Specific Gravity</b>	1.16	1.11
<b>CURING PROPERTIES</b>		
<b>Mix Rate, (A:B) By Weight</b>	1 : 1	
<b>Pot Life, 25°C min</b>	3	
<b>Surface Dry Time, 25°C, min</b>	15	
<b>Cure Time, @25°C, days</b>	3	
<b>CURED MECHANICAL PROPERTIES</b>		
<b>Glass Transition Temperature, °C</b>	52	
<b>CTE, (100-180°C) µm/m/°C</b>	218	
<b>Hardness, Shore D</b>	85	
<b>Water Absorption, 24hr, %</b>	2.6	
<b>Degradation Temp, (TGA, 10°C/min) °C</b>	332	
<b>Volume Resistivity, ohm-cm</b>	$5 \times 10^{15}$	
<b>Surface Resistivity, ohm</b>	$5 \times 10^{14}$	
<b>Dielectric Constant, 100Hz</b>	4.1	

**General Information**

For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

**Storage and Shelf Life**

Store product in a cool, dark place when not in use. This product has a one year minimum shelf life after date of manufacture, unless otherwise specified, when stored at 60-80°F (16-27°C) in original, unopened containers.

**Certification / Recognition**

RoHs Complaint: INCURE 6446 complies with the European Union's "Restriction of Hazardous Substances" (RoHs) initiative 2002/95/EC.

**Note**

The data contained in this technical data sheet are furnished for information only. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein. INCURE will not be liable for any indirect, special, incidental or consequential loss or damage arising from this INCURE product, regardless of the legal theory asserted. INCURE recommends that each user adequately test its proposed use and application before repetitive use, using this data as a guide.