

## DV-EP222

Semi rigid adhesive for general applications in the electronic industry

### DESCRIPTION

DV-EP222 is two component, un-filled, semi rigid epoxy adhesive. The compound display excellent adhesion to metals and ceramics. DV-EP222 is non corrosive to metals and designate for protecting electronic components and systems. It has thermal shock resistance over a medium range of temperatures and its flexibility avoids any deformation between the adhesive articles.

### PROPERTIES - UNCURED

	A	B
Color, visual .....	Clear	Amber
Density, g/cm <sup>3</sup> .....	1.15 +/-0.01	1 +/- 0.02
Viscosity, ASTM-D-2393(cps @ 25 <sup>0</sup> ).....	12000-14000	40000-50000
Mix Ratio, (Volume) .....		1:1
Pot Life @ 25 <sup>0</sup> C, min.....		90
Settled time, 1 mm Thickness, min. ....		120
Curing Time @ 25 <sup>0</sup> C 1 mm Thickness, hrs.		6 - 8
Shelf Life, months .....	12	12

### PROPERTIES CURED

	Test Methods	Limits
Tensile Lap Shear Strength, kg/cm <sup>2</sup> .....	ASTM-D- 1002	215-230
Service Temperature. (°C).....	ASTM-D-794	
Continues use .....		-20 to +70
Intermittent use .....		-22 to 130
Hardness, Shore D.....	ASTM-D-2240	68-72
Izod Impact (J/cm) .....	ASTM-D-256 8	
Dielectric Strength (kV/mm).....	ASTM-D-149	18
Volume resistivity (ohm-cm).....	ASTM-D-257	10 <sup>14</sup>
Flexibility .....		Semi rigid

### PACKAGING

DV-EP22 supplied in dual pack cartridges 2x25ml or 2x150ml, as well as in bulk 1 kg per pail.

**Caution:** Good housekeeping rules are always important. Providing ample ventilation in all areas of handling, mixing and use. Avoid prolonged breathing of possible fumes. Minimize skin contact. Use of goggles, rubber gloves and protective creams is recommended. Always wash exposed areas immediately using warm water and soap, following by rinsing clear water. If material comes in contact with eyes, flush with clean water for 15 minutes and consult a physician immediately

All data given in this bulletin is based on our own research and research of other. They are believed to be accurate, no guarantee of accuracy is made. Product described is sold without warranty except conformity to specification and condition that purchasers shall determine suitability for their particular purpose.

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