

## MORSUN 2K EPOXY ADHESIVE (EQUIVALENT TO 3M EPOXY ADHESIVE EPY 2183)

### PRODUCT CODE

**MCS-SC-515**

### PRODUCT DESCRIPTION

It is a two component Epoxy Adhesive consisting Epoxy Adhesive Part A (our Part No..560513400117-MA1457) and Epoxy Adhesive Part B (Our Part No.560513400214-MA1457) components. Epoxy Adhesive Part A is Curative or Hardener consisting mixture of Liquid Polysulfide Resin, Reactive diluents, and Epoxy hardener HY-960. Epoxy Adhesive Part B is consisting mixture of Liquid Epoxy Resin and Reactive diluents

### TECHNICAL DATA

|                             |                                                                                                                                                                                                                                                                            |
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| <b>SUGGEST USES</b>         | This Epoxy Adhesive is used for bonding of underwater transducers and may also find use as general purpose adhesive for bonding metallic components. This adhesive systems is based on modified epoxy resin                                                                |
| <b>Colour</b>               | Part A – Amber Color Clear Liquid Part B – Water White Clear liquid                                                                                                                                                                                                        |
| <b>Volume Solids</b>        | 100%                                                                                                                                                                                                                                                                       |
| <b>Mixing Ratio</b>         | Adhesive Part A: Adhesive Part B = 0.667:1 By weight                                                                                                                                                                                                                       |
| <b>Pot Life</b>             | 30 Minutes @ 25°C – 20 mic                                                                                                                                                                                                                                                 |
| <b>Theoretical Covering</b> | 20.0 M <sup>2</sup> /ltr. at 25 Deg. C                                                                                                                                                                                                                                     |
| <b>Thinner Recommended</b>  | None. Morsun Epoxy Thinner may be used as a cleaner                                                                                                                                                                                                                        |
| <b>Drying Time</b>          | Hard dry – Overnight at Ambient Temperature                                                                                                                                                                                                                                |
| <b>Full Cure</b>            | 72 Hours at Ambient Temperature                                                                                                                                                                                                                                            |
| <b>Surface Preparation</b>  | For high strength bonds, paint, oxide films, oils, dust, mold release agents and all other surface contaminants must be completely removed. The amount of surface preparation depends on the required bond strength and the environmental aging resistance desired by user |
| <b>Shelf Life</b>           | 12 months from the date of manufacture if stored at room temperature                                                                                                                                                                                                       |
| <b>Safety Precautions</b>   | Component A contains liquid amine which is harmful and care must be taken to avoid inhalation for the same                                                                                                                                                                 |
| <b>Standard Packing</b>     | As required in Kg (Part A: Part B: 0.667:1 By Wt.)                                                                                                                                                                                                                         |

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