

## ICM 1005 100% glycidoxypropyltrimethoxysilane

| Description   | Property                | Test Method | Value                 |
|---|-------------------------|-------------|-----------------------|
| This additive is a silane that can readily react with a wide range of surfaces including organic polymers, glass, and ceramics.   | <b>Product</b>          |             |                       |
| <b>Key Features</b>   | Appearance              |             | <b>Clear</b>          |
| <ul style="list-style-type: none"> <li>Effective coupling agent</li> <li>Increases tensile, compression and modulus strength to composites</li> <li>Improves adhesion</li> <li>Effective at low concentrations and has great compatibility with organic polymers and inorganic fillers</li> </ul> | Color (APHA)            |             | <b>5</b>              |
| <b>Key Applications</b>   | Specific Gravity A      |             | <b>1.07</b>           |
| <ul style="list-style-type: none"> <li>Coupling agent</li> <li>Adhesion promoter</li> <li>Cured resins</li> <li>Acrylic applications</li> </ul>   | Viscosity (cst)         |             | <b>3</b>              |
| <b>Application</b>  | <b>Storage</b>          |             |                       |
| ICM 1005 is used in formulations as a coupling agent and adhesion promoter in a wide variety of applications.   | Max Storage Temperature |             | <b>40 °C / 104 °F</b> |
| <b>Use and Cure Information</b>   | Shelf Life              |             | <b>24 mths</b>        |
| This product is generally added to compositions at less than 1% in most formulations. Our product can be applied to surfaces as a dilute aqueous solution. It can also be mixed with water using light agitation.   |                         |             |                       |
| <b>Health &amp; Safety</b>  |                         |             |                       |
| Read product and safety data sheets before handling this product for physical and health hazard information. The safety data sheet is available from your CHT representative.   |                         |             |                       |

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