

# Product Data Sheet



## ASMACO CLEAR EPOXY ADHESIVE

### Product Description:

Asmaco Crystal Clear Epoxy is a two part ambient curing Epoxy adhesive suitable for general purpose applications and repair works of metal parts. This is a quick curing adhesive with a short pot life of 4minutes. Asmaco Crystal Clear Epoxy develops it's 70% of strength in one hour. The product is tough enough to take impact loads. The cure product can be machined using common machining operations.

### Key Performance Properties:

- Ambient temperature curing
- Fast curing
- Convenient mix ratio of 1: 1 by weight / volume
- No shrinkage
- Can be shaped through machining and best suited for metal repairs
- Resistant to solvents and water
- Good resistance to oils
- Good adhesion on metals, wood, glass, ceramics and many of the plastics
- Steel filled to give optimum performance

### Typical Properties:

Appearance	
Resin	Viscous liquid
Hardener	Viscous liquid
Colour	Clear
Resin	Colour less to pale yellowish
Hardener	clear liquid
Mixed	Colourless
Mix ratio, Resin: Hardener (by weight / by volume)	1: 1
Pot life (4g mix) minutes	4
Hardness after 24 hours, Shore D	85
Time required to reach handling strength, Minutes	20- 30

### Application method:

Clean the surfaces to be bonded / repaired to ensure that they are clean from rust, dust, oils and greases. Squeeze out equal quantities of resin and hardener and mix well to get a homogeneous uniform grey coloured mix. Apply the adhesive on both the surfaces and join the surfaces together. Maintain the contact pressure till the adhesive is set. Machining and shaping can be done after 18 / 24 hours

### Caution:

Direct contact with uncured sealant irritates eyes and may irritate the skin. Over exposure to vapour may irritate nose and throat. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hand. In case of eye contact, flush eyes with plenty of fresh water for 15 minutes and obtain medical attention. In case of skin contact, remove from skin and flush with water. Sealant liberates acetic acid on curing. Keep out of reach of children. Consult Material Safety Data Sheet (MSDS) to know more about handling and safe usage.



## ASMACO CLEAR EPOXY ADHESIVE

Rapid Settings

4 to 5 minutes

pot life

# Product Data Sheet



## Storage and Shelf Life:

Store at or below 30°C away from direct flames and heat sources.

One year if stored as per the storage condition and in original un opened packing. Storing at higher temperatures may reduce the shelf life.

## Packaging:

Plastic Injection Tube

## Shipping Limitations: None

### Note

The information and data contained in the product data sheet is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of the product for usage. Since the supplier cannot know all the uses, or the conditions of use to which the product may be exposed, no warranties concerning the fitness or suitability for particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise if the application, product specifications or manner in which our products are used require government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

**Non – Warranty:** Because the storage, handling and application of the material is beyond Anchor Allied Factory Ltd's control, we can accept no liability for the result obtained. Anchor Allied Factory Ltd's sole limited warranty is the product meets the manufacturing specifications in effect at the time of shipment. There is no warranty or merchantability or fitness for use, nor any expressed or implied warranty. Anchor Allied Factory Ltd will not be liable for any incidental and consequential damage of any kind. The exclusive remedy for breach of such limited warranty is a replacement of any product shown to be other than warranted. Suggestions of uses should not be taken as inducement to infringe any patents.



مصنع انكور الايد ذ.م.م  
**ANCHOR ALLIED FACTORY L.L.C.**

Tel. No.: +971 6 5342091, Fax No.: +971 6 5342107  
P.O. Box No.: 21152, Sharjah (U.A.E.), E-mail : info@anchorallied.com.



SILICONE SEALANTS • WATERPROOFING COATINGS • PU SEALANTS • POLYSULPHIDE SEALANTS • ACRYLIC & DUCT SEALANTS  
POLYURETHANE FOAM • SPRAY PAINT • SILVER CLOTH DUCT TAPE • CREPE PAPER MASKING TAPE • ALUMINIUM FOIL TAPE  
PE. PROTECTION TAPE • PVC PIPE WRAP TAPE • CONTACT ADHESIVE • EPOXY STEEL • PVC CEMENTS • SUPER GLUE