

PRODUCT DATA SHEET

ASMACO RTV SILICONE GASKET MAKER

PRODUCT DESCRIPTION

Asmaco Epoxy Steel 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 Epoxy Steel 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 FEATURES

- 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:

| | Properties | Typical Values |
|---|--|------------------------|
| 1 | Appearance Resin Hardener | Paste Paste |
| 2 | Colour Resin Hardener Mixed | Black White Grey |
| 3 | Mix ratio, Resin: Hardener (by weight / by volume) | 1: 1 |
| 4 | Pot life (4g mix) minutes | 4 |
| 5 | Hardness after 24 hours, Shore D | 85 |
| 6 | Time required to reach handling strength, Minutes | 20-30 |

USAGE INSTRUCTION:

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 ADHESIVE IRRITATES EYES AND MAY IRRITATE 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 adhesive 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. KEEP OUT OF REACH OF CHILDREN. Consult Material Safety Data Sheet (MSDS) to know more about handling and safe usage.

STORAGE AND SHELF LIFE

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

Shelf life: 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:

ASMACO EPOXY STEEL is available in standard 28 g tube pairs of aluminium collapsible tubes.

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.