Vibra-Tite®939 Epoxy Adhesive

March 2018

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Product Description

Vibra-Tite® 939 is a clear two component epoxy paste with a relatively long pot life. This formula will bond to a variety of substrates.

Features and Benefits

- Clear when used in thin sections
- Machinable
- Ambient or elevated cure temperatures
- 100% solids compound
- Adhesion to many materials
- Thick paste to stay in place during cure.

Properties of Uncured Material (resin)

Chemical Type	Epoxy
Appearance	Milky White
Specific Gravity	1.13
Toxicity	Low
Solids	100%
Viscosity @ 25ºC, cP	54,300

Properties of Uncured Material (hardener)

Chemical Type	Amine
Appearance	Amber
Specific Gravity	0.98
Toxicity	Low
Solids	100%
Viscosity @ 25ºC, cP	55,500

Properties of Mixed Material

Wt. Mix Ratio, Resin: Hardener	100:33
Vol. Mix Ratio, Resin: Hardener	2.7:1
Mixed Viscosity @ 25ºC, cP	55,000
Pot Life, @ 25 °C	52 min

Properties of Cured Material

Specific Gravity	1.09
Shear Adhesion Steel to Steel (ASTM D1002, 24 Hour Cure)	>2000 psi

Mixing and Application Instructions

Mix components in ratios listed in this data sheet. For best results add the hardener to resin in the original resin container. For best results when using less than full container quantities, mixing by weight is highly recommended. Mix material with a spatula or tongue depressor with slow motions to prevent entrapment of air while scraping the sides of the container to ensure a homogeneous mixture.

Application of material should be done at ambient temperatures of 55-90 °F. At colder temperatures, preheating of surfaces is preferred and the material should be maintained at elevated temperature until material is cured. Surfaces should be dry and free of dirt, oil, grease or other contamination. For best bonding results, either grit blast or abrade the surfaces with sand paper.

General Information

Storage

Product should be stored in cool, dry conditions. When un-mixed, has a shelf life of at least 12 months when stored at 25°C. Storage in cool, clean areas is recommended. Usable shelf life may vary depending on method of applications and storage conditions.

Note

The data are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is recommended that the product be tested in the application for which it is to be used.