

Product Description

Epoxy *VIBRA-TITE* 913 A&B is an extremely strong, medium cure, water-resistant clear adhesive that will self-level after application. This compound is intended to bond parts in a structural environment or potting electronic components and assemblies.

Features and Benefits

- Easy mix Ratio
- Excellent chemical resistance
- Cures without shrinking
- Good impact resistance
- Produces strong, rigid bond on metal, ceramics, wood, concrete, glass, or combinations
- Casting can survive harsh chemical exposure

Properties of Uncured Material (resin)

Chemical Type	Epoxy
Appearance	Clear Liquid
Specific Gravity	1.16
Toxicity	Low
Solids	100%
Viscosity @ 25°C, cP	13,000
Flash Point (TCC), °C(°F)	>93(>200)

Properties of Uncured Material (hardener)

Chemical Type	Amine
Appearance	Amber Liquid
Specific Gravity	0.96
Toxicity	Low
Solids	100%
Viscosity @ 25°C, cP	7,000
Flash Point (TCC), °C(°F)	>93(>200)

Properties of Cured Material

Vo. Mix Ratio, Resin: Hardener	1 to 1
Wt. Mix Ratio, Resin: Hardener	100:83
Viscosity @ 25°C, cP	8,200
Gel Time, 100g (25°C)	8 mins
Fixture Time (25°C)	35 min.
Functional Cure (25°C)	2 hrs.
Full cure (25 °C)	12 hrs
Hardness @ 25°C, Shore D	85

Performance Properties

(Substrates cured or 5 days @ 22°C)

T-Peel	2-3 pli
Impact Resistance	7 ft.-lb
Adhesive Lap Shear	2,300 psi
Compression Strength	11,000 psi
Tensile Elongation	1%
% Solids by Volume	100%

General Information

Storage

Product should be stored in cool, dry conditions. *VIBRA-TITE* 913 A&B when un-mixed has a shelf life of 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.

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