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Product Description

Epoxy *VIBRA*-TITE 910G A&B is a fast setting, non-sagging, thixotropic, industrial grade epoxy adhesive. Used to bond metal, ceramic, wood and vertical surfaces where gap-filling is needed. Blue and yellow components combine to green, showing that the resin and hardener have been mixed.

Features and Benefits

- Easy mix Ratio
- Excellent chemical resistance
- Non-sagging and Cures without shrinking
- 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	Blue
Specific Gravity	1.1 to 1.3
Toxicity	Low
Solids	100%
Viscosity @ 25ºC, cP	Thixotropic Paste
Flash Point (TCC), °C(°F)	>93(>200)

Properties of Uncured Material (hardener)

Chemical Type	Mercaptan
Appearance	Yellow
Specific Gravity	1.0 to 1.2
Toxicity	Low
Solids	100%
Viscosity @ 25ºC, cP	Thixotropic Paste
Flash Point (TCC), °C(°F)	>93(>200)

Properties of Cured Material

Vo. Mix Ratio, Resin: Hardener	1 to 1
Wt. Mix Ratio, Resin: Hardener	100:92
Viscosity @ 25ºC, cP	Non-sagging paste
Work Time, 100g (25ºC)	3 mins
Tack Free Time (25ºC)	3 to 4 min.
Functional Cure (25ºC)	2 hrs.
Full cure (25 ºC)	12 hrs
Hardness @ 25ºC, Shore D	85

Performance Properties

(Substrates cured for 5 days @ 22°C)

Gel time	2 to 6 minutes
Shore Hardness, D	80
Adhesive Lap Shear	
CRS	1,600 psi
Aluminum	1,200 psi
% Solids by Volume	100%

General Information

Storage

Product should be stored in cool, dry conditions. When un-mixed has a shelf life of 12 months, 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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