

Product Description

Epoxy VIBRA-TITE 911 is a fast setting adhesive that cures at temperatures as low as 41°F/5°C. For bonding and repairing small parts

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	Black Paste
Specific Gravity	1.46
Toxicity	Low
Solids	100%
Viscosity @ 25°C, cP	260,000
Flash Point (TCC), °C(°F)	>93(>200)

Properties of Uncured Material (hardener)

Chemical Type	Mercaptan/Amine
Appearance	White Paste
Specific Gravity	1.45
Toxicity	Low
Solids	100%
Viscosity @ 25°C, cP	160,000
Flash Point (TCC), °C(°F)	>93(>200)

Properties of Cured Material

Vo. Mix Ratio, Resin: Hardener	1 to 1
Wt. Mix Ratio, Resin: Hardener	100:98
Gel Time, 100g (25°C)	5 mins
Fixture Time (25°C)	15 min.
Functional Cure (25°C)	4 hrs.
Full cure (25 °C)	8 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	3,900 psi
Tensile Elongation	1%
% Solids by Volume	100%

General Information

Storage

Product should be stored in cool, dry conditions. VIBRA-TITE 911 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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