

## **Product Description**

Epoxy VIBRA-TITE 905 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	Clear Liquid
Specific Gravity	1.16
Toxicity	Low
Solids	100%
Viscosity @ 25°C, cP	12,000
Flash Point (TCC), °C(°F)	>93(>200)

## **Properties of Uncured Material (hardener)**

Chemical Type: Mercaptan/Amine  
Appearance: Light Amber Liquid  
Specific Gravity: 1.15  
Toxicity: Low  
Solids: 100%  
Viscosity @ 25°C, cP: 14,000  
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 905 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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