

## Product Description

Epoxy *VIBRA-TITE* 942 is a filled version of *VIBRA-TITE* 941 general purpose encapsulating compound and provides lower shrinkage in addition to the many benefits of the *VIBRA-TITE* 941. that is designed to form a resilient encapsulant with good surface finish and high bond strength to thermoplastics. *VIBRA-TITE* 941 is recommended when potting assemblies with narrow gaps and tight spaces.

## Features and Benefits

- Convenient 1:1 mix ratio
- Room temperature cure
- Low exotherm
- Semi-rigid
- Good impact resistance
- Produces strong bond on metal and thermoplastics
- Resistant to heat exposure
- Resistant to harsh chemical environments

## Properties of Uncured Material (resin)

Chemical Type	Epoxy
Appearance	Black Liquid
Specific Gravity	1.59
Toxicity	Low
Solids	100%
Viscosity @ 25°C	12,000-18,000 cps

## Properties of Uncured Material (hardener)

Chemical Type	Amine
Appearance	Tan
Specific Gravity	1.44
Toxicity	Low
Solids	100%
Viscosity @ 25°C	100-200 cps

## Properties of Cured Material

Appearance	Black
Vol. Mix Ratio, Resin: Hardener	1 to 1
Wt. Mix Ratio, Resin: Hardener	100 to 91
Mixed Specific Gravity	1.5
Mixed Viscosity	~3000 cps
Gel Time, 100g (25°C)	3 hrs
Hardness @ 25°C, Shore D	60-65

## General Information

### Storage

Product should be stored in cool, dry conditions. *VIBRA-TITE* 941 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.