VIBRA-TITE IS A REGISTERED TRADEMARK OF ND INDUSTRIES, INC.

Product Description

Vibra-TITE 924 is a general purpose, medium viscosity, two-component epoxy adhesive system used for application that require strong, durable, chemically and environmentally resistant bonds, high viscosity, industrial grade epoxy adhesive with extended work life. This system forms a resilient, long work time adhesive with an easy mix ratio and good adhesion to thermoplastics. It will cure rapidly with heat to produce a material with excellent chemical, heat, and moisture resistance.

Features and Benefits

- Easy mix Ratios
- Excellent chemical resistance
- Excellent dielectric properties
- Bonding dissimilar materials including aluminum, steel, and other metals and plastics
- Heat cured or Ambient cured
- Performs at temperatures from -30 to +250°F (-34 to +121°C)
- Provides low shrinkage, good creep properties and low water absorption

Properties of Uncured Material (resin)

Appearance	Clear light amber
Specific Gravity	1.16
Toxicity	Low
Solids	100%
Viscosity @ 25ºC, cP	10,000 – 18,000

Properties of Uncured Material (hardener)

Appearance	Blue viscous liquid
Specific Gravity	0.965
Toxicity	Low
Solids	100%
Viscosity @ 25ºC, cP	20,000 – 45,000

Properties of Mixed Material

Mix Ratio:

General Purpose	(vol)	1 to 1
	(wt)	1.2:1
High Temp.	(vol)	2:1
	(wt)	2.4:1
Low Temp.	(vol)	1:2
	(wt)	1:1.7

Solid Content:	100%
Working Time, hr@75°F	1 – 2
Time to handling strength, hr	8 - 16

Properties of Cured Material

Tensile Strength, psi	2,500
% Elongation	30
Young's Modulus, psi	108,500
Glass Transition Temp., °F	141

General Information

Storage

Product should be stored in cool, dry conditions. *VIBRA*-TITE 924 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.