

## Product Description

Vibra-Tite 817 is a high performance, multipurpose structural adhesive/sealant designed for difficult bonding and sealing applications. It is a moisture curing sealant developed for industrial uses requiring elasticity, high immediate green strength and excellent adhesion. Non-sagging but easy to gun/apply in field installations.

Vibra-Tite 817 is tough, elastic and waterproof. It bonds aggressively to steel, aluminum, ceramics, polystyrene, polyvinylidene fluoride coated metal, glass, wood and many plastics. Vibra-Tite 817 is suited for many applications requiring adhesion to concrete and other industrial construction surfaces.

## Features and Benefits

- Solvent and isocyanate-free, No VOC's
- Silicone-free
- Good chemical resistance
- Can be applied on vertical or overhead surfaces
- Will not shrink or crack
- Resistant to weathering and degradation
- Permanently elastic in a broad temperature range
- Non-flammable

## Physical Properties

Basic Material	Proprietary Polymer
Consistency	Paste
Color	White is standard
Odor	Negligible
Components	1
Type	Elastomer, H2O cure
Specific Gravity	1.37 – 1.44
Viscosity @ 75F	1,100,000 cps
Isocyanate Percentage	0%
Shelf Life	12 months in unopened containers stored between 60° and 80° F.

## Performance Properties

Shear Strength	>275 psi	ASTM D 412
Elongation at Break	>300%	ASTM D 12
Hardness Shore A	45-50 (14 day Cure)	ASTM C-661
Tack Free Time	~60 minutes	ASTM-679
Slump (sag)	Zero Slumping	ASTM C-639
Stain Testing	No Staining	
Initial Skin Formation	20-30 minutes at 77°F	
Low Temp Flex	-75°F	Pass
Weight per gallon	~11.80	
Service Temperature	-75°F to 310°F	

## Storage

Product should be stored in a cool and dry location at temperatures below 40°C. Optimal storage is 22±4°C. Shelf life is 12 months from date of manufacture when stored at 22±4°C

## 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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