

TECHNICAL DATA SHEET

PRODUCT : "BULLDOG TITE" EPOXY ADHESIVE

Standard



PRODUCT DESCRIPTION

"BULLDOG TITE"-Standard, is two a component Epoxy adhesive which gives very strong bonds with most materials such as rubber, plastics, metals, ceramics, wood, concrete etc., which are commonly used in Automotive, Industrial and Construction. Its cures in 90 minutes at room temperature and achieves full strength after 12 hours. However, at higher temperatures of 50-60 C. it gives faster cures and very good bond strength.

COMPOSITION

It consists of an Epoxy Resin with suitable curing agent i.e Hardner.

APPLICATION AREAS

It is used in industries for joining different materials as above for permanent bonding. Also used in construction as a tile adhesive and for various fixing and grouting applications. Used wherever longer pot life with strong bonding is required.

DIRECTIONS FOR USE

Clean & roughen both surfaces. Mix equal quantities of Resin & Hardner. Mix only as much as required (pot life 45 minutes). Apply thin layer to both surfaces and clamp them together till epoxy sets. (Setting time 90 minutes). Full cure & strength is reached after 12 hours.

CLEANUP

Clean up with Acetone and Toulene.

DISCLAIMER

The information contained herein is given in good faith, based on our tests & knowledge of the product; as a guide. The responsibility is of the user to verify its usability for any application. The company, The Standard Products Mfg. Co. Mumbai, disclaims all warranties expressed or implied and takes no responsibilities for any loss or damage arising from the use of its products.

For further information please contact ;

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PROPERTIES OF THE COMPONENTS. (BEFORE MIXING)

Appearance - Resin	:	Opaque off white liquid
- Hardner	:	Clear brownish yellow liquid
Viscosity - Resin	:	20,000-22,000 mPas
-Hardner	:	20,000-22,000 mPas
Density -Resin	:	1.15 -1.18 g/ml
-Hardner	:	0.92-0.98 g/ml

MIX PROPERTIES

Mixing ratio (Resin to Hardner)	:	
By Weight	:	100 : 80
By Volume	:	100 : 100
Mix viscosity at 25 C	:	20,000-25,000
Pot life	:	45 min
Setting time	:	90 min
Curing Schedule	:	25 C-12hours
(Full Strength)	:	50 C-6 hours
Lapshear strength-25 C	:	Min. 120
Modulus of elasticity E	:	7×10^6
Working Temperature	:	- 60°C to 60°C

SAFETY INSTRUCTION

1. Keep away from children.
2. Avoid excessive contact with body. Clean with plenty of water in case of eye contact.
3. Cannot be ingested. Lethal if ingested.
4. Do not induce vomiting, in case of ingestion. Consult a physician immediately.
5. Do not inhale or use in closed spaces.