



## 4 MINS CLEAR EPOXY SYRINGE

## TECHNICAL DATA SHEET

REV: 01

Date: 25 April 2024

### DESCRIPTION

**4 MINUTES CLEAR EPOXY SYRINGE** is a fast setting clear epoxy adhesive. It offers good gap-filling capabilities for filling defects in metal, wood masonry, furniture and ceramic. After cured, it can be drilled, sanded, and painted. It contains no solvent or VOC, not flammable and no shrinkage after cure. It is very useful for emergency repairs in industries, workshops, marine, automotive, construction and also for household use.

### FEATURES

- ◆ Paintable.
- ◆ Non-shrinkage.
- ◆ Heat resistance.
- ◆ Fast setting within 4 minutes.
- ◆ Easy to use, one to one mixing ratio.
- ◆ Strong bonding strength when hardened.
- ◆ Water, solvent, acid and alkaline resistance.

### USES

- ◆ Permanent repair: Leaks, holes, cracks, mounting signs to walls.
- ◆ Suitable Substrates: Metal, fiberglass, concrete, ceramics and some plastic materials

*Due to a large variety of different coatings and substrates, we recommend preliminary compatibility tests prior to application to achieve desirable results*

### NOT RECOMMENDED FOR:

PE, PP and PTFE.

### APPLICATION

- ◆ Surface must be clean, dry, free from oil and grease and thoroughly roughen
- ◆ Squeeze equal amount of resin and hardener from each tube. Ratio 1:1.
- ◆ Mix thoroughly until homogenous.
- ◆ Apply to the surfaces to be repaired or joined together.
- ◆ Clean off excess mixture with solvent.



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### SPECIFICATION

Color,	Resin Hardener	Colorless Colorless
Specific gravity,	Resin Hardener	1.19±0.05 g/ml 1.10±0.05 g/ml
Viscosity,	Resin Hardener	13K cps 11K cps
Mixing ratio,	A:B	1:1
Appearance		Liquid form
Work Life (Minutes at 25°C)		3 – 4
Curing time (Minutes at 25°C)		4 – 5
Hardness (Shore D)		Minimum 70
Temperature limits		15°C to 100°C
Nonvolatile Content		100%
Lap Shear Strength (kg/cm <sup>2</sup> )		Minimum 50
Shelf Life		24 Months <sup>(1)</sup>

### STORAGE

Shelf life is subjected to change due to the type of packaging used and the condition of the environment. Material should be stored in a dry and cool place between +5°C to +30°C.

### CAUTION

Normally, while mixing by hand it does not cause any skin irritation, but in some cases with sensitive skins, it may cause irritation or sensitization. In such cases, wash the hands with plenty of water and soap and use hand gloves for application..

*This information is provided in good faith and is believed accurate based on a review of current composition and information supplied by vendors. No warranty is expressed or implied. Liability is expressly disclaimed.*