

Technical Data Sheet

BS-8145 30 Minutes Steel Epoxy



Features

- ◆ Excellent gap filling
- ◆ Oil & chemical resistance
- ◆ Easy to use

Available Color

- ◆ Grey

Application Temperature

- ◆ 15 °C – 35 °C

Packaging

- ◆ 25 ml cartridge

Storage

- ◆ Provided the adhesive is stored dry and cool in air-tight containers, the storage stability will be at least 24 months (before mixing) from day of delivery.

Product Specification

Part	Resin	Hardener
Specific gravity	1.95	1.55
Color	Black	Off White
After mix color		Grey
Working time		20 minutes
Time to handling strength		2 hours
Time to full strength		24 hours

Description

A grey color epoxy adhesive formulated to give longer working time (30 minutes) for large assembly with many components. It is steel-filled hence offers good gap-filling capabilities and non-slumping characteristic. It exhibits a remarkable combination of properties, high mechanical strength, excellence resistant to most chemical and reliable heat resistant. It is easy to machine and non-conductive.

Applications

Bonds metal and metal alloys, casting impregnating and potting system, gap filling, rimming bonding, crack casting or holes repair, tools, ornaments, knobs, ceramic, glassware, fiberglass repair, etc.

Application Direction

1. Surfaces must be clean, dry and free of dirt, grease, oil or water.
2. Turn nozzle end up and pull plunger back slightly. Snap off or cut off the storage cap.
3. Puncture syringe with the storage cap.
4. Squeeze out equal amount of resin and hardener onto any discardable container.
5. Mix thoroughly and apply mixture to both surfaces before joining. Low heat will accelerate hardening.
6. Replace cap after use and store in a cool, dry place.

Caution

Resin

Causes skin irritation. May cause allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Keep out of reach of children. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see instructions on this label). If skin irritation or rash occurs: Get medical advice/attention.

Hardener

Causes severe skin burns and eye damage. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects. Keep out of reach of children. Do not breathe dust/fumes/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse.