FEATURES

- Low friction surface
- Rebuilds and seals heat exchanger tubes
- Dry Service
- Temperature (Max °C) 177°C
- Pot Life 40mins
- Mix ratio: 5.6:1
- Excellent chemical resistance
- Brushes easily onto prepared surfaces
- Thickness per Coat - 0.25 - 1.0 mm Functional Cure Time - 24 hours

RS PRO, 500 g Blue Tub Epoxy Adhesive for Metal

RS Stock No.: 691-145

RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

RS PRO ceramic filled, epoxy that provides a smooth, protective barrier against abrasion, erosion and chemical attack and is easily applied using a short bristle brush. This brush able epoxy is a cost-effective way of carrying out your repairs. There are many advantages of using an epoxy putty, as it benefits from excellent moisture and chemical resistance, and is impact resistant. The putty has increased mechanical and fatigue strength and good electrical properties, and there is low shrink during cure. Epoxy putties can be used on a variety of materials, such as metal and wood. It has a long shelf life and no VOCs (Volatile Organic Compounds). Metal epoxy putty can also come in stick form.

General Specifications

Material Compatibility	Metal
Colour	Blue
Package Type	Can
Package Size	500g
Setting Time	40min
Cure Time	24h
Special Features	Low Friction Surface For Operating Efficiency
Chemical Composition	Bisphenol A Diglycidyl Ether Resin, Titanium Dioxide
Odour	Slight
Mix Ratio (By Weight)	5:6:1
Applications	Epoxy putty is versatile and can be used in a variety of applications. Common uses include filling gaps, repairing chips and cracks, and sealing leaks. The putty can be used in the commercial construction industry, industrial OEM applications and the DIY market.

Electrical Specifications

Dielectric Strength	382volts/min

Mechanical Specifications

Shear Strength	13.75 MPa
Shore D Hardness	87D

Operation Environment Specifications

Maximum Operating temperature	177°C

Approvals

Compliance/Certifications	RoHS

Chemical Resistance 7 days room temperature cure (30 days immersion @ 21°C)

5% Bleach (Sodium Hypochlorite)	Excellent	10% Phosphoric Acid	Fair
5% Trisodium Phosphate	Excellent	4% Phosphoric Acid	Very Good
10% Sulphuric Acid	Excellent	10% Sodium Hydroxide	Excellent
50% Sulphuric Acid	Excellent	50% Sodium Hydroxide	Excellent
10% Hydrochloric Acid	Excellent	5% Alum (Aluminium Sulphate)	Excellent
10% Nitric Acid	Very Good	Ferric Chloride	Excellent
40% Nitric Acid	Unsatisfactory	10% Acetic Acid	Unsatisfactory