

EPOXY-METAL

PRODUCT DESCRIPTION

Two-part adhesive based on epoxy resins. Grey resin and beige hardener.

FIELD OF APPLICATION

For bonding, repairing and filling metals, wood, pottery, china, ceramics, ivory and various plastics, such as polyester, formica and bakelite, to themselves and to each other.

Not suitable for plastics such as polyethylene, PTFE and silicone rubber.

PROPERTIES

Temp. resistance: from - 60°C up to + 100°C.

Frost resistance: good.

Resistance to moisture: good.

Resistance to chemicals: very good.

Filling capacity: good.

TECHNICAL DATA

Basic material : Resin: epoxyresin.
Hardener: diaminoamide.

Colour : grey.

Solids content : 100%.

Specific gravity : 1200 kg/m³.

Viscosity : 70-75 Pa.s. at + 20°C.

Flash point : > + 200°C.

APPLICATION

Surface treatment: The materials to be bonded should be properly dry and clean. If necessary, degrease with acetone.

Tools: By means of the plastic mixing spatula, which is included in the blister, both parts can be mixed and applied. After use, immediately clean tools with warm water.

Application temp.: Minimal + 5°C.

Assembly time: 1 hour at + 20°C.

Set time: 2-3 hours at + 20°C.

Curing time: 12 hours at + 20°C.

Lower temperatures increase the setting time.

Coverage: Depends on the applied layer's thickness.

Directions for use: Cut off both nozzle ends of the double syringe applicator with a sharp knife such that both nozzles have an equal opening. Next press an equal quantity of both components from the double syringe onto a dish or rigid plastic plate. Mix these two equal quantities well with the aid of the plastic spatula until a homogeneous colour is obtained.

Apply a coat of the mixture, which remains workable for about 1 hour (at room temperature) to the material.

Assemble the parts and keep them in position by means of adhesive tape or a piece of string. Remove excessive adhesive immediately. Once the adhesive mix has set hard, it is very difficult to remove traces of adhesive.

After use, clean the nozzle with a cloth and put the special cap on the double syringe.

Special points: Make sure the Resin and Hardener do not get into contact with each other when not used. The specially designed cap, which can only be put on the

double syringe in one way, prevents both components from getting into touch with each other.

STAINS

Remove stains immediately with thinner or acetone. Dry stains can only be removed mechanically.

STORAGE PROPERTIES

The shelf life is 2 years, provided the syringe applicator is tightly closed and stored in a frost-proof place. Store vertically.

WARNING

Symbol = Xi.

R 36/38 = Irritating to eyes and skin.

R 43 = May cause sensitization by skin contact.

S 2 = Keep out of reach of children.

S 24 = Avoid contact with skin.

S 26 = In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 46 = If swallowed, seek medical advice immediately and show this container or label.

S 51 = Use only in well ventilated areas.

P 92 = Contains epoxy constituents.

Resin: epoxy resin with an average molecular weight of <700..

Hardener: N(3-dimethylaminopropyl)-1,3-propylenediamine.

The ready-to-use adhesive may have an irritant effect on the skin and mucous membranes – especially on breathing organs – and cause hypersensitivity reactions. Inhalation of vapour and repeated skin contact may cause sensitisation.

When handling adhesive containing epoxy resins all precautions required for solvent-containing adhesives must be followed. Vapour in particular should not be inhaled.

Allergics and asthmatics as well as people prone to respiratory ailments should not work with epoxy resins-containing adhesives.

Avoid contact with the skin. Preferably wear gloves. In case of contact with the skin, immediately rinse with plenty of water and soap.

Avoid contact with the skin and exposure to fumes.



TRANSPORT CLASSIFICATIONS

Not applicable.

02; 040730

Our instructions are based on extensive investigations and experience. In view of the large variety of materials and the conditions under which our products are applied, no responsibility can be assumed for the results obtained and/or any damage caused from the use of the product. However, our Service Department is quite willing to supply any advice needed.

Head office: Bison International - P.O. Box 160, 4460 AD Goes (NL). Tel. 31-113-235712, Fax 31-113-232077, e-mail: export@bison.boltongroup.nl