

EPOXY 5 MIN. (EPOXY-RAPID)

PRODUCT DESCRIPTION

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

FIELD OF APPLICATION

For bonding metals, crockery, glass, wood, china, crystal, pearls, ivory, precious stones and various plastics, such as polyester, bakelite, formica, rigid polystyrene and plexiglass.

PROPERTIES

Temp. resistance: from - 20°C up to +70°C.

Frost resistance: good.

Resistance to moisture: good.

Resistance to chemicals: good.

Filling capacity: good.

TECHNICAL DATA

Basic material : Resin: epoxyresin.
Hardener: diaminoamide.
Colour : transparent.
Solids content : 100%.
Specific gravity : 1140 kg/m³.
Viscosity : about 12 Pa.s. at + 20°C.
Flash point : -

APPLICATION

Surface treatment: The materials to be bonded should be properly dry and clean. If necessary, degrease with thinner or acetone. Smooth surfaces need to be grazed first.

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

Application temp.: Minimal + 5°C.

Assembly time: 4-5 minutes at 20°C.

Set time: 10 minutes at 20°C.

Curing time: 12 hours at 20°C.

Lower temperatures increase the setting time.

Coverage: Because of the very fast set time Bison Epoxy-Rapid is suitable for small jobs only. It is recommended not to mix more than 1-2 ml.

Directions for use: Snip off both nozzle ends of the double dispenser with a sharp knife in such a way that both nozzles have an equal opening.

Next push an equal quantity of both parts from the double dispenser to a dish, a piece of wood 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 thin coat of the mixture, which remains workable for about 4-5 minutes at room temperature

(20 °C), to both materials. As the mixed adhesive sets very fast, do not prepare more adhesive than necessary.

Assemble the parts and keep them in position by means of adhesive tape. Make sure that the parts do not slide before the adhesive has set. Immediately remove excessive adhesive.

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

STAINS

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

STORAGE PROPERTIES

The shelf life of Bison Epoxy-Rapid is 2 years, provided the dispenser 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.

Contains epoxy resins.

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 sensitization.

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.



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

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

TRANSPORT CLASSIFICATIONS

Not applicable.

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