

UHU[®]**CREATIV' METALL, GLAS & CERAMICS**
2-COMPONENT SPECIAL GLUE

Tools: For mixing, use the bowl provided in the packaging. A clean glass plate, grease-free cardboard or similar may also be used for mixing, using a spatula. The adhesive should be very thoroughly mixed. The adhesive should be applied to the parts to be stuck together as soon as possible after mixing to ensure the best possible bond. The adhesive is applied using the spatula or a short-haired brush.

APPLICATION**Dilute:** Acetone**Directions for use:**

Measuring and mixing:

The mixing ratio of the two components is 1:1 by volume or by weight, i.e. equal quantities of binder and hardener. After the parts to be stuck together have been prepared, the adhesive is dosed in the given ratio. Small variations in the proportions of binder and hardener make virtually no difference. Thorough mixing is essential for good bonding and even joins. For mixing, use the bowl provided in the packaging. A clean glass plate, grease-free cardboard or similar may also be used for mixing, using a spatula. The adhesive should be very thoroughly mixed. The adhesive should be applied to the parts to be stuck together as soon as possible after mixing to ensure the best possible bond. The adhesive is applied using the spatula or a short-haired brush.

PRODUCT DESCRIPTION

UHU Creativ' Metal, Glass & Ceramics a solvent-free two-component adhesive based on epoxy resin that allows particularly fast assemblies using a wide range of materials. The adhesive fills gaps and is ideal for objects with uneven surfaces. The pack contains a spatula and a mixing container. Ideal for making jewellery, mirrors, vases, flowerpots, items in Fimo[®] and much more.

FIELD OF APPLICATION

Glues glass, ceramic, stone, potter's clay, Fimo[®], mother-of-pearl also in combination with many other materials. Ideal for objects with uneven surfaces like pearls, gem stones, shells, corals, sequins. Not suitable for polyethylene, polypropylene, PTFE, polystyrene, soft PVC and various other materials.

PROPERTIES

- Super-strong and fast special formula
- Fills gaps
- Colourless
- With spatula and mixing container
- Made in Germany

PREPARATION**Working conditions:** Open time: approx. 5 minutes.

Curing time: 20 - 30 minutes.

Personal safety: When using UHU Creativ' Metall, Glas & Ceramics, care should be taken that the hands are kept clean. After working with the adhesive, the hands should be cleaned using soap and water – never solvent – as soon as possible. Once hardened, UHU Creativ' Metall, Glas & Ceramics is physiologically safe and has no smell or taste.

Surface requirements: The areas to be glued must be dry and free of any dust or grease.

Application time (period of usability):

The open time depends on the quantity used and the ambient temperature. For a quantity of 3 to 5g, the mix can be worked for up to 5 minutes; for a quantity of 20g, the working life is about 3 minutes.

Hardening:

At room temperature UHU Creativ' Metal, Glass & Ceramics hardens so that the join is firm within 20 to 30 Minutes at the most; after 60 minutes approximately half the final bond strength is reached, and after 12 hours the final bond strength is reached. The application of heat speeds up the hardening process.

Stains/residue: Traces of adhesive should be removed and apparatus should be cleaned before the adhesive has hardened – acetone and nitro thinners are suitable solvents for this. The same applies to soiled clothing. Once it has hardened, the adhesive can only be removed by using the solvent methylene chloride (dichloromethane). (Warning! Precautions must be taken!)

Points of attention: When using UHU Creativ' for Metall, Glas & Ceramics, care should be taken that the hands are kept clean. After working with the adhesive, the hands should be cleaned using soap and water – never solvent – as soon as possible.

CURE TIMES***Drying/Curing time:** approx. 5 minutes**Final bonding strength after:** approx. 24 hours

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

TECHNICAL PROPERTIES**Water resistance:** Good**Temperature resistance:** +125°C

Note: This information is the result of carefully executed tests. This Technical Data Sheet has been prepared to the best of our knowledge to provide you with advice when gluing. We cannot be held responsible for the results or any damage suffered, as the variety of factors involved (type and combination of materials and working method) are beyond our control. Users have to carry out their own checks and trials. Liability can only be accepted for the consistently high quality of our product.

UHU[®]

CREATIV' METALL, GLAS & CERAMICS

2-COMPONENT SPECIAL GLUE

UV resistance: Very good

Chemicals resistance: Good

TECHNICAL SPECIFICATIONS

Appearance: Transparent liquid

Chemical base: Urethane Acrylate Ester

Bonding technique: 1-sided application

Colour: Blue (transparent)

Consistency: Liquid

Viscosity: approx. 600 mPa.s., Liquid

Density: approx. 0.98 g/cm³

STORAGE CONDITIONS

Product should be stored in a dry, cool and frost free place.

PACK SIZES

2 x 15ml/17g on blister

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