

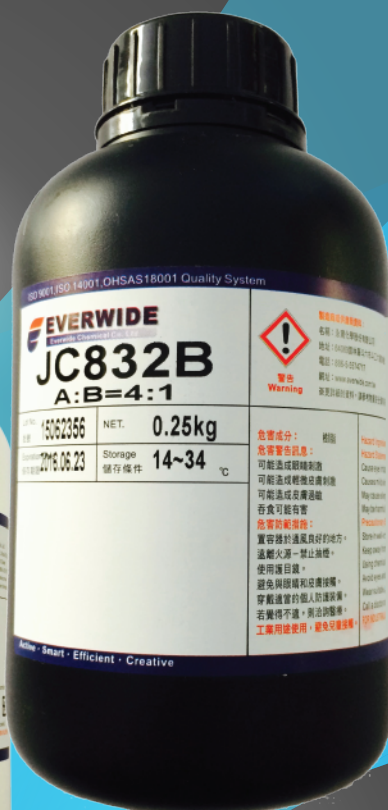
EPOXY FOR CASTING

Hard Epoxy

JC832 is a two component epoxy for casting. This resin exhibits high transparent and low yellowing properties. This product is a recommended resin for many applications. This resin exhibits good handling, chemical resistance and perfect surface gloss. It is well suited for electronic devices and plastics casting.

Features

1. This product has low viscosity, good fluidity and good handle properties for casting.
2. The color and low yellowing properties of this product surpasses conventional plasticized epoxy.
3. The hardener of this product which is exposed to air will not yield an insoluble, whitish solid.
4. The hardened surface will not exhibit a surface oiliness and poor gloss.
5. This product complies to the 2002/ 95EC RoHS regulations.



Direction of Use

1. The resin should be applied to a clean surface which is free of dirt, grease or mold release. In many cases, a simple solvent wipe is sufficient.
2. Mix thoroughly by weight 4 : 1. Mix approximately 15 seconds after uniform color is obtained.
3. Weight the correct proportions to within 2% accuracy and mix thoroughly together, scraping both the bottom and the sides of mixing container, until a homogeneous mixture is obtained.
4. Cure time on the part will depend upon factors such as part geometry, materials to be bonded, bondline thickness and efficiency of the oven. Cure schedule should be confirmed with actual production parts and equipment.

Storage and Shelf Life

It should be stored in a cool and dark place in order to prevent the resin and hardener to turn yellow under sunshine. This product is of amine content, replace lid immediately after use. Keep in a dry area when not in use. This product has a one year minimum shelf life when stored below 25 degrees Celsius in original, unopened containers.

Caution

Some findings indicate a lack of potential for carcinogenicity with the compositions of this product by long term recurrent application to the skin. However, contact with skin is likely to produce mild transient reddening. It is important to remove adhesive from skin by using soap and water thoroughly. DO NOT use solvents for cleaning hands. This product is of moderate acute toxicity. If swallowed, call a physician. Avoid contact with eyes. In case of contact, flush with water for at least 15 minutes and get medical attention immediately.

Soft Epoxy

JD162-30 is flexible two component epoxy. This resin exhibits greasy resistance, chemical and solvent resistance. It is suitable for electronic devices and plastics potting. The crack and fatigue resistance of this product are outstanding in many vibrational applications. This resin has better yellowing resistance than any other epoxy. The uniqueness of this product provides properties that surpasses conventional flexible epoxy systems.

Features

1. This resin has no volatile materials and will not release any toxic volatilizations.
2. This product is solvent-free two component epoxy.
3. This resin has low viscosity, good handling properties and excellent fluidity.
4. The hardening surface will not exhibit a surface oiliness and poor gloss.
5. This product exhibits excellent transparency.
6. This resin has perfect surface gloss.
7. This product exhibits excellent toughness and low thermal stress.
8. This resin complies to the 2011/ 65/EU RoHS regulations.



Direction of Use

1. It should be applied to a clean surface which is free of dirt, grease or mold release. In many cases, a simple solvent wipe is sufficient.
2. Mix thoroughly by volume 3 : 1. Mix approximately 15 seconds after uniform color is obtained.
3. If stirred and mixed this product by hand, it is recommended to use vacuum equipments to remove the bubbles in the mixing resin.
4. For maximum bonding strength apply adhesive evenly to both surfaces to be jointed.
5. Cure time on the part will depend upon factors such as part geometry, materials to be bonded, bondline thickness and efficiency of the oven. Cure schedule should be confirmed with actual production parts and equipment.

Storage and Shelf Life

The container should be stored in a cool and dark place. The resin and hardener will become yellow under the sunlight. Replace the lid immediately after use. Keep away from wet areas when not in use. This product has a one year minimum shelf life when stored below 14~34 degrees C in original, unopened containers.

Caution

Some findings indicate a lack of potential for carcinogenicity with the compositions of this product by long term recurrent application to the skin. However, contact with skin is likely to produce mild transient reddening. It is important to remove adhesive from skin with soap and water thoroughly. DO NOT use solvents for cleaning hands. This resin is of moderate acute toxicity by swallowing. If swallowed, call a physician. Avoid contact with eyes. In case of contact, flush with water for at least 15 minutes and get medical attention immediately. For specific information on this product, consult the Material Safety Data Sheet.