



XCHEM CHEMICALS PRODUCT DATA SHEET

FORTSEAL EPOXY PUTTY

DESCRIPTION

FORTSEAL Epoxy Putty is moldable twin pack putty which sets to a rock hard compound used in numerous applications.

KEY APPLICATIONS

1. **FORTSEAL Epoxy Putty** finds popular uses in domestic repairs including broken kitchen utensils, garden tools, furniture etc.
2. **FORTSEAL Epoxy Putty** also finds popular uses in numerous industries including automotive, construction, farming, mining and general workshops.
3. It is the ideal product for repairing, molding, bonding, sealing, filling and insulating.

KEY BENEFITS

1. **FORTSEAL Epoxy Putty** has excellent adhesion to most surfaces including metal, ceramics, wood, glass, marble, and most rigid materials.
2. **FORTSEAL Epoxy Putty** can cure under water, making it ideal for water tanks, reservoirs and swimming pool repairs.
3. When fully cured, **FORTSEAL Epoxy Putty** can be sawn, filed, drilled, buffed, tapered and sanded. It is therefore ideal for numerous repair applications.
4. **FORTSEAL Epoxy Putty** has good resistance to petrol (fuel tank repairs), oils, solvents, household chemicals and mild acids.
5. Recommended for applications where a longer working time is required.

DIRECTIONS FOR USE

1. Surfaces to be bonded must be free of dust, oils, wax and dirt.
2. Knead (using fingers) two equal parts from each component thoroughly until a uniform colour is achieved before application. Mixing ratio: RESIN 1 pbw; HARDENER 1 pbw. To improve mixing, add a little bit of water.

3. Apply firmly into position before allowing to cure. Shaping and modeling can be done using wet hands before the material cures. Curing time is temperature dependent; with high temperature accelerating cure time and low temperature slowing cure time.
4. Pre-waxing of the surfaces of the surfaces improves demoulding.
5. Hands and tools should be cleaned immediately after use, using warm soapy water.

CURES IN 20 to 30 MINUTES AT 25°C TO A CREAM-WHITE COLOUR.

CAUTION

In case of skin contact, wash away with warm soapy water. The cured compound is non toxic.

TECHNICAL DATA

Appearance	:	Resin-White
	:	Hardener-Light Brown
Mixed	:	Cream-white
Cure time	:	30-40 minutes
Full hardness	:	5-6 hours

STORAGE AND STABILITY

FORTSEAL Epoxy Putty has a shelf life of 24 months when kept in unopened and original packaging under cool and dry conditions.

This product is recommended for use according to its Key Applications and Directions as listed on the packaging. DO NOT mix with improper substances as this will affect the quality and performance of the product. All cautionary measures should be noted as indicated to ensure safer use. XChem will replace products if found to be defective.

The data and recommendations concerning this product are the result of XCHEM extensive laboratory testing and experience.