



**MAX  
POWER**  
EPOXY PUTTY

- ▲ **Twin Pack - Mixed Equal Volumes**
- ▲ **Rapid Strength Development**
- ▲ **Superb Adhesion to Wet and Dry Surfaces**
- ▲ **Excellent Chemical Resistance**



### **THE RANGE**

We have been manufacturing a range of concrete repair and resurfacing products for over three decades. All offer outstanding strength, wear resistance, chemical resistance and impact resistance. Good long term performance and great value for money.

### **EPOXY PUTTY**

MAX Power Multiuse Epoxy Putty is an epoxy resin compound ideal for permanent repairs to cracks found in concrete and stone. It is a twin pack material, mixed 50/50 by volume. Can be applied underwater. Rapid hardening. Ideally suitable for concrete crack repairs found to water retaining structures and potable water structures as it is virtually odourless and non toxic.

Available in a range of sizes from 75g-20kg packs.

Application kits can be added to packs as seen above.

**MAX  
POWER**  
EPOXY PUTTY

**WWW.EPOXYPRODUCTS.CO.UK**



# MAX POWER EPOXY PUTTY

MAX  
POWER  
EPOXY PUTTY

## DESCRIPTION

**Max Power Epoxy Putty** is a two part epoxy resin crack or joint filling compound that will bond together most building substrates when wet or dry. The adhesive strength and chemical resistance is exceptionally high. Ideally suitable for filling concrete cannels, forming angle fillets and crack repairs found in concrete, brick and stone.

### USES:

#### MAX Power Multiuse Epoxy Putty

For permanent repairs to concrete joints and cracks found in concrete, brick and stone. Ideally suitable for use filling concrete channels, forming angles fillets and uses in swimming pools and water retaining structures as this product will not taint the water. For repair of ceramic tiles and re-bedding and grouting of ceramic tiles. This product can be applied underwater and in wet conditions.

**PREPARATION:** Surfaces must be free from grease, oil and other forms of contamination. Wire brushing is advisable. Remove any loose materials and brush clean. Cleaning is imperative and the best results can be achieved by use of CONCRETE CLEANER. Surfaces can be both dry or wet. Hairline cracks should be widened using an angle grinder.

**MIXING:** Take equal quantities from Pack A (Resin), the black bag and Pack B (Hardener) the white or blue bag (depending on pack size) and mix until a uniform colour is achieved. Mixing is carried out by gloved hands, keeping both hands wet throughout mixing. Twist and press the two components together. Do not mix more than can be used in approximately 20 minutes. Wash hands thoroughly using soap and water immediately after use.

**APPLICATION:** Immediately after mixing, spray surface of repair and roll the Max Power Epoxy Putty into thin sausages and press the firmly into the joint or crack or into position behind the tile. To achieve a smooth finish, wet the face of the spreader with the water spray provided.

**HEALTH AND SAFETY:** Read separate Health and Safety sheet prior to handling this

## PRODUCT DATA

### COVERAGE

1kg will seal 3 linear metres of joint measuring 10mm x 10mm.

### POT LIFE

When fully mixed, approximately 30 minutes @ 20°C.  
Extended pot life at lower temperatures, reduced at higher temperatures.

### CURING TIME

Initial cure after 24 hours @ 20°C. Full cure after 7 days.

STRENGTH	AFTER 24 HOURS	3 DAYS	7 DAYS
Tensile Strength	10 N/mm <sup>2</sup>	5 N/mm <sup>2</sup>	20 N/mm <sup>2</sup>
Compressive Strength	31N/mm <sup>2</sup>	40 N/mm <sup>2</sup>	90 N/mm <sup>2</sup>
Flexural Strength -	-	18 N/mm <sup>2</sup>	22 N/mm <sup>2</sup>

### CHEMICAL RESISTANCE

Resistant to spillages of many chemicals commonly met within industry.  
Petrol, diesel, oil, greases, skydrol, hydrochloric acid, dilute sulphuric acid, alkalis and many other chemicals. For further information please contact our Technical Department.

### UV RESISTANCE

This product offers good Ultra Violet Resistance.

### TOOL CLEANING

Clean all tools with water and detergent.

### COLOUR

Pale Grey, White or black ( Colour tint packs are available for colour matching)

### PACKAGING

Supplied in 100g - 10 kg twin packs. with optional Applicator kits.

Whilst Epoxy Products Limited endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it can not, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification or information given.

# MATERIAL SAFETY DATA SHEET

## MAX POWER EPOXY PUTTY - PACK A

### SECTION 1. Identification of the substance/mixture and of the company/undertaking.

- 1.1 Product identifier : Epoxy Products Epoxy Putty - Pack A  
1.2 Relevant identified uses of the substance or mixture and uses advised against  
Use of the substance/mixture : Epoxy concrete repair compound  
1.3 Details of the supplier of the safety data sheet : Epoxy Products Limited, Unit 7 Haviland Road, Ferndown Industrial Estate,  
Wimborne, Dorset. BH21 7RZ England  
Tel No. +44 (0) 1202 891899  
Email Address – Technical Information : [sales@epoxyproducts.co.uk](mailto:sales@epoxyproducts.co.uk)  
Telephone : +44 (0) 1202 891899  
1.4 Emergency telephone number : +44 (0) 1202 891899

### SECTION 2. Hazards Identification

Classification of the substance or mixture

Classification according to Regulation 1272/2008 (CLP)

Skin corrosion/irritant - Category 2 H315 : Causes skin irritation.

Eye damage/irritant – Category 2 H319 : Causes serious eye irritation

Skin sensitisation - Category 1 H317 : May cause an allergic skin reaction.

Aquatic Chronic - Category 2 H411 : Toxic to aquatic life with long lasting effects.

Label Elements

Hazard pictograms/symbols



Signal Word: Warning

Hazard Statements:

H319: Causes serious eye irritation.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements:

- Prevention : Wear protective gloves  
Wear eye or face protection  
Avoid release to the environment  
Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Disposal : Disposal of contents/container to be specified in accordance with national regulations.

Other Hazards

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annexe X111

Not Applicable

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annexe X111

Not Applicable

### SECTION 3. Composition/Information on Ingredients

Substance/Mixture Component	EINECS	CAS Number	Concentration %	Classification (CLP)	REACH REG
Epoxy Resin Bisphenol Type A (Mol. Wt. <700)	500-033-5	25068-38-6	<14	Skin Corr/Irrit. 2; H315 Eye Dam/Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Chronic 2, H411	01-2119456619-26
Formaldehyde, polymer with (chloromethyl) oxirane and Phenol, MW<700	500-006-8	9003-36-5	<7	Skin Corr/Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2, H411	01-2119454392-40
Oxirane, mono{(C12-C14-alkyloxy) methyl} derivs.	271-846-8	68609-97-2	<3	Skin Corr/Irrit. 2; H315 Skin Sens. 1; H317	01-2119485289

### First-aid measures

Description of first aid measures

- Eye Contact Rinse immediately with plenty of water also under the eyelids for at least 10 minutes. Remove contact lenses. Get medical attention.  
Skin Contact Wash off immediately with plenty of water for at least 10 minutes. Wash off with soap and water. Immediately remove contaminated clothing and any extraneous chemical without delay.  
Ingestion Wash out mouth with water. If victim has swallowed material and is still conscious give small amounts of water to drink. Stop if person feels sick. Do not induce vomiting unless directed to do so by medical personnel.  
Seek immediate medical attention.

Most important symptoms and effects, both acute and delayed.

Potential acute health effects

Eye contact	Causes serious eye irritation
Inhalation	No known significant effects or critical hazards
Skin contact	Causes skin irritation. May cause an allergic skin reaction
Ingestion	Irritating to mouth, throat and stomach.

Over exposure signs/symptoms

Eye contact	Adverse symptoms may include the following: Pain or irritation Watering Redness
Inhalation	No known significant effects or critical hazards
Skin contact	Adverse symptoms may include the following: Irritation Redness
Ingestion	No specific data

4.3 Indication of any immediate medical attention and special treatment needed  
No specific treatment

**SECTION 5. Fire-fighting measures**

5.1 Extinguishing media

Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known

Special hazards arising from the substance

Hazards from the substance or mixture Incomplete combustion may form carbon dioxide ,carbon monoxide and halogenated compounds.

5.3

Advice for fire-fighters	
Special protective actions for fire fighters	Promptly isolate the scene by removing all persons from the vicinity of the fire.
Special protective equipment for fire fighters	Fire fighters should wear appropriate protective equipment.

**SECTION 6. Accidental release measures**

Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing, gloves and eye/face protection. Use self contained breathing apparatus and chemically protective clothing.

6.2 Environmental precautions

Prevent contamination of soil and water.  
Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.  
Transfer to a labelled, sealable container for product recovery or safe disposal. Treat residues as

Methods and material for containment and cleaning up for small spillage

**SECTION 7. Handling and storage**

7.1 Precautions for safe handling

Protective measures Wear appropriate personal protective equipment. Avoid contact with eyes, skin or clothing. Do not ingest. Keep containers closed when not in use.

Advice on general occupational hygiene Do not eat, drink or smoke when handling this product. Wash hands after handling.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well ventilated areas  
Do not store in unlabelled containers.

**SECTION 8. Exposure controls/personal protection**

Control parameters

Occupational exposure limits No exposure limit value known

Exposure controls

Provide readily accessible eye wash stations and safety showers. Provide natural or explosion proof ventilation adequate to ensure concentrations are kept below explosion limits.

Personal protective equipment

Hand protection Chemically resistant, impervious gloves should be worn at all times when handling.  
Butyl rubber, Nitrile rubber, neoprene gloves, impervious gloves, latex or vinyl disposable gloves.  
Eye/face protection Protective eye glasses or goggles must be worn.  
Skin and body protection Standard issue work clothes. Long sleeve shirts, trousers or overalls must be worn.  
Environmental exposure controls Construct a dike to prevent spreading.

**SECTION 9. Physical and chemical properties**

9.1 Information on basic physical and chemical properties

Physical state/colour	Viscous liquid in various colours
Odour	Not available
Relative density	Not available
Flash Point	150°C
Viscosity	Not available
Ph	Not available

**SECTION 10. Stability and reactivity**

10.1 Reactivity	Stable under normal conditions
10.2 Chemical stability	This product is stable
10.3 Possibility of hazardous reactions	No specific data
10.4 Conditions to avoid	No specific data
10.5 Incompatible materials	No specific data