

**MAXMET 500 EPOXY UNDERWATER PUTTY STICK**
**Description**

**MAXMET 500** is a solvent-free epoxy putty repair stick, designed to cure even in damp or underwater situations. When mixed the material will bond to all metal, wood, ceramic, fibreglass and most plastic surfaces.

The material is supplied in stick form with a predetermined mixing ratio of base and activator. The product is mixed by kneading with a gloved hand until a uniform off-white putty is achieved. Once mixed **MAXMET 500**, provides a fast curing putty, suited for rapid repairs in most environments.

## Material Properties

Appearance	Base Activator Mixed	Green paste White paste White paste
Mixing Ratio		Pre - measured
Solids Content		100%
Slump Resistance	Nil at	20 mm
Usable Life	20°C	15 minutes
Cure Times @ 20°C	Movement without load or immersion: Machining and light loading:	1 hour 2 hours
Storage Life	Unopened and stored in dry conditions (15-30°C)	1 year
Adhesion	Tensile Shear to ASTM D1002 on abrasive blasted mild steel with 75-micron profile	70kg/ cm <sup>2</sup> 1000psi
Compressive Strength	Tested to ASTM D 695	446kg/ cm <sup>2</sup> 6350psi
Corrosion Resistance	Tested to ASTM B117	Minimum 5000 hours
Hardness	Shore D Hardness	80 at 20°C
Heat Resistance	Suitable for long-term water immersion at temperatures up to: Resistant to dry heat in excess of:	60°C 150°C

**Chemical Resistance**

The product resists attack by a wide variety of inorganic acids, alkalies, salts and organic media.

**Legal Notice**

The data contained within this Technical Data Sheet is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control.

It is the responsibility of the customer to determine the products suitability for use. Maxkote accepts no liability arising out of the use of this information or the product described herein.

**Health and Safety**

Please ensure good practice is always observed during the mixing and application of this product.

Protective gloves must be worn during the mixing and application of this product. Before mixing and applying the material please ensure you have read the fully detailed Material Safety Data Sheet.