



TDS

MXCRYL®

Rapid Bond Aluminium Epoxy Putty

PRODUCT SPECIFICATION

MXCRYL®

Rapid Bond Aluminium Epoxy Putty

Description

MXCRYL® Rapid Bond Aluminium Epoxy Putty is a multi-use Solvent Free epoxy putty, a super strong waterproof adhesive filler that can be drilled, sanded filled and painted. MXCRYL® Rapid Bond Aluminium Epoxy Putty is a mouldable epoxy putty, workable for repairing & filling will not rust.

Physical Properties

APPLICATION PROCESS	RESULTS	TEST METHODS
Work Life (mins)	5-7	
Shelf Stability @ 75°F months minimum	24	
Hardness, Shore D (full cure, 24 hours)	75-85	ASTM D-2240
Lap Shear Tensile Strength On steel (1"x 1"x 1/6"), lbs (full cure, 24 hours)	800-1000	ASTM D-1002
Compressive Strength (lbs/in ²)	6650-12,000	ASTM D-695
Shrinkage (%)	<1	ASTM D-2566
Non-Volatile Content (%)	100	
Electrical Resistance, megohms	30,000	ASTM D-257
Dielectrical Resistance, volts/mil	300	ASTM D-149
Temperature Limitations (F)	Continuous = 250, Intermittent = 300	
Chemical Resistance	Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, Aqueous salt solutions, and dilute acids and bases	
Colour After Cure	Grey	

Directions for Use

1. Make sure the surfaces to be bonded are clean, dry and free from grease.
2. Ensure you are wearing suitable gloves, cut with a blunt knife the required amount of putty from the stick.
3. Knead the putty with the fingers until a uniform colour. The putty will remain workable for approximately 3-4 minutes depending on ambient temperature.
4. Apply to the surface to be repaired, force into cracks or holes to be filled and remove excess before the putty starts to cure. Good contact is essential to ensure maximum strength. The surface can be abraded. (Full strength is achieved in 1 hour).
5. To remove excess putty before it starts to cure use an acetone based nail varnish remover.

Precaution

1. Not suitable for structural applications.
2. Use with proper ventilation. Avoid contact with skin and eyes.
3. If contact with skin occurs, wash with warm soapy water.
4. If adhesive gets into eye, keep eye open and rinse thoroughly with water. Seek medical attention if irritation persists.
5. Do not use in application that come into contact with drinking water.
6. Keep well out of reach of children and pets.
7. Toxic to aquatic organisms.
8. Do not empty into drains.
9. Keep adhesive in a cool, dry place in original packaging for maximum shelf-life.

Disclaimer: The data contained herein is generated using Cartell UK Ltd test methods. However, Cartell UK Ltd does not assume responsibility for any results obtained by persons over whose methods Cartell UK Ltd has no control. It is the user's responsibility to determine the suitability of Cartell UK's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Cartell UK Ltd's products. Cartell UK Ltd specifically disclaims all warranties express or implied, including warranties of salability and suitability for a particular purpose arising from sale or use of Cartell UK Ltd's products. Cartell UK Ltd further disclaims any liability for consequential or incremental damages of any kind including lost profits.