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This Information Sheet is for products KIN EWOOD

TECHNICAL DATA SHEET:

PRODUCT: EPOXYFIL - fast acting wood repair putty

DESCRIPTION:

EPOXY-FIL moulds to repair, rebuild or restore anything made of wood. It fills nail and screw holes, gouges and scratches, and replaces rotted and worn wood. It repairs mouldings, panels, frames and furniture, including levelling table and chair legs. EPOXY-FIL can be used to reshape wood carvings and wood parts such as handles, knobs and pulls. It can also be used as an adhesive in making general wood to wood and wood to metal repairs. EPOXY-FIL contains no solvents, will not shrink, pull away, or dry out and is non-toxic. EPOXY-FIL may be used in interior and exterior applications as it is virtually unaffected by weather. Sanding of the cured EPOXY-FIL is recommended prior to applying paint or stain. Sanding and other finishing can be completed within 45 minutes of application. Unused EPOXY-FIL will remain stable for years if protected from direct contact with the air.

APPLICATIONS:

EPOXY-FIL is a hand kneadable, NON-SHRINKING, filled epoxy putty, which when cured becomes an integral part of the wooden item being repaired, rebuilt or restored. Thirty minutes after mixing, EPOXY-FIL has the density of wood and can be drilled, sawn, carved, sanded, stained and painted. It comes in a handy rod form with the curing agent encapsulated in the contrasting colour base material. Its putty-like consistency eliminates drips and runs providing "no mess" application with no tools required for use. EPOXY-FIL belongs in every tool box. EPOXY-FIL has a simulated wood colour after cure.

DIRECTIONS FOR USE:

In order to achieve optimum adhesion, surfaces should be cleaned free of grease or dirt. Scuffing or sanding the surface prior to cleaning helps ensure a good bond.  
Mixing: Twist or cut of required amount. To mix, knead with fingers to a uniform colour. If mixing is difficult, warm EPOXY-FIL to room temperature or slightly above. Apply to the surface to be repaired (within two minutes of mixing). The mixed epoxy does not exhibit high bond strength at this point, but appears to be merely lying on the surface. Force into any cracks or

holes to be filled and strike off excess material, preferably with tool wetted with clear water. For a smooth appearance of the cured compound, hand rub with water or a damp cloth prior to hardening. Remove excess material before hardening begins. After 45 minutes the epoxy will harden and start to form a tenacious bond.

**HEALTH AND SAFETY:**

EPOXY-FIL contains epoxy resins and hardeners which can cause skin irritation in sensitive subjects. It is therefore recommended that the hands are washed immediately after use, using either a proprietary hand cleaner such as Swarfega or soap and water. Always keep EPOXY-FIL away from foodstuffs and food utensils.

C.P.L. Regulations: Hazard; Irritant. Risk Phrases: R36/38, R43. Safety Phrases: S36/37, S38

**PERFORMANCE DATA:**

Working life:	20 minutes
Shelf stability:	6 months minimum stored at 25 deg.C
Shore D Hardness: (full cure 24 hrs)	80
Lap Shear Tensile Strength: on Steel	6.2 MN/m <sup>2</sup>
Temperature limitations:	120 deg.C continuous 150 deg.C intermittent
Chemical Resistance:	Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases
Electrical Resistance:	30,000 megohms
Dielectric Strength:	400 volts/mil
Shrinkage:	Less than 1%
Non-volatile content:	100%
Compressive strength:	84 MN/m <sup>2</sup> (12,000 psi)

**IMPORTANT NOTE:**

Whilst all reasonable care is taken in compiling technical data on the company's products, all recommendations or suggestions regarding the use of such products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to satisfy himself that each products is fit for the purpose for which he intends to use it, and that the actual conditions of use are suitable.

**FOR FURTHER INFORMATION:**

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