



TECHNICAL DATA SHEET

Gasket Maker

ThistleBond 'Gasket Maker' is a high performance paste designed to produce in situ gaskets in close fit assemblies.

ThistleBond 'Gasket Maker' is based on a specially selected methacrylate resin system reacted with an organic peroxide to produce an instant setting low pressure seal that cures once confined between parts to form in-place a tough, flexible gasket that seals out moisture to prevent corrosion.

ThistleBond 'Gasket Maker' is simple, safe and easy to use and when applied to parts it gives an instant low pressure seal which allows systems to be started up without delay, and is therefore ideal for fuel and water pumps, split crank cases, gearbox covers, engine thermostats, air compressor end caps, cam covers onto blocks, pump couplings, fuel tanks on small implements.

ThistleBond 'Gasket Maker' is ideal for dressing gaskets and spacers and because of its thixotropic nature prevents migration of the product during application. Any excess **ThistleBond 'Gasket Maker'** outside the bond line does not cure and can be flushed through the system without risk of blockage.

Before proceeding, please read the following information carefully to ensure that the correct application procedure is fully understood.

SURFACE PREPARATION

Remove all heavy deposits of grease, oil, dirt and other contaminants by either solvent wiping, cleaning with industrial degreasers or by using hot aqueous baths.

MIXING

ThistleBond 'Gasket Maker' is supplied ready for use and requires no mixing, however shaking the product to incorporate any slight separation is advised before use.

APPLICATION

Apply **ThistleBond 'Gasket Maker'** directly to the surface and assembled parts in an even film. Assemble with the mating part within the recommended working time.

A small amount of **ThistleBond 'Gasket Maker'** should flow out of the edges to show there is adequate gap filling.

PHYSICAL CONSTANTS

Mixing Ratio Supplied ready for use.

Appearance Purple Paste.

Drying and Cure Times at 20°C/68°F

Cure time
Dry to Handle 30 mins
Full Cure 60 mins

Volume Solids 100%

V.O.C. Nil

Shelf Life Use within 12 months of purchase. Store in original sealed containers at temperatures between 5°C (40°F) and 30°C (86°F) out of direct sunlight.

PHYSICAL PROPERTIES

Typical Strength Values

Tensile Shear Strength 4 N/mm²
Temperature Resistance -40 to 150°C
(-40 to 302°F)

HEALTH AND SAFETY

As long as normal good practices are observed **ThistleBond 'Gasket Maker'** can be safely used.

Safety glasses should be worn.

Rubber gloves should be worn.

A fully detailed **Material Safety Data Sheet** is either included with the material or is available on request.

PACKAGING

Supplied in 50 ml units.

The information provided in this Product Data Sheet is intended as a general guide only and should not be used for specification purposes. The information is given in good faith but we assume no responsibility for the use made of the product or this information because this is outside the control of the company. Users should determine the suitability of the product for their own particular purposes by their own tests. Detailed specifications are available on request from the company.

FOR FURTHER INFORMATION PLEASE CONTACT



ThistleBond Division of E. Wood Ltd.
Standard Way, Northallerton, N. Yorks. U.K. DL6 2XA
Tel: +44(0)1609 780170 Fax: +44(0)1609 780438 & 777905
E Mail: info@thistlebond.com