

Technical Datasheet

Curil® – the liquid, hardening sealing compound



Description and typical applications

Curil® is a viscous, hardening compound based on a special combination of synthetic resins for sealing plane surfaces, for example on oil pans, gearbox covers, cylinder covers, side covers, water pumps, carburetors, fuel pumps, differential housings, machine tools, hydraulic systems, pumps and apparatus. Depending on the application, Curil® can be used either on its own or in conjunction with gaskets made of soft materials. Curil® is ideal for sealing joints which rarely have to be separated.

<i>Characteristic</i>	<i>value range unit method</i>
Temperature stability	-40°C to +180°C (233 K to 453 K)
Resistance	resistant to mineral oils (also with additives), gasoline and diesel fuels, hot and cold water, seawater, gases, air as well as weak acids and alkalis
Boiling point/range	from approx. 76°C
Flash point	-1°C
Vapor pressure at 20°C	79 hPa
Density at 20°C	approx. 1 g/cm ³
Compacted bulk density	not applicable
Viscosity at 20°C	2000 – 4000 mPas/rotating viscometer
ph value (corrosion behaviour)	neutral
Electrical properties	insulating
Compatibility	with paper, Abil®, EWP and other soft sealing materials, rubber materials, cork, pressed synthetic resin parts and all metals

Elring Sealing Compound Curil®



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Physical/chemical characteristics

State when supplied	viscous
Color	brown
Odor	solventlike
State after application	hardened

Application and processing

When the parts are initially assembled, it is sufficient to apply Curil® to clean, machined or formed surfaces which must be free of grease. If the surfaces are being repaired, they must be thoroughly cleaned and degreased with white spirit prior to sealing. A thin coating of Curil® is applied to the two surfaces to be sealed using a brush, an Instant Box or a similar dosing system.

Note: If too much sealing compound is applied, it can drip into the interior. The surfaces should be left for approx. 5 to 10 minutes before being fit together and pressed. Always close the Curil® container tightly after use.

Warning

Keep out of reach of children.

Thinner	ethyl alcohol or spirit
Material consumption	approx. 0.1 – 0.2 ml/m ²

Storage

Storage	store in a cool, dry place, maximum temperature +25°C
Storage life	at least 24 months in an unopened container
Disposal	give empty containers to local disposal firm

Identification

GefStoffV (regulations on hazardous substances)	F, highly inflammable Xi irritant
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Form of supply	Contents	Elring no.	Original pack/pcs
Dosing tubes	50 ml	035.971	50 tubes
Cardboard pack	50 ml	036.005	10 pieces
Pot with brush	125 ml	036.080	24 pieces
Pot with brush	250 ml	036.099	24 pieces
Can	750 ml	036.048	10 pieces

Larger containers on request.

All information contained in this datasheet is based upon the extensive experience of the seller. However, no liability can be undertaken. Since the particular circumstances of each individual case determine the success of the sealing, the data provided here applies in general and not for individual cases. Curil® is a registered trademark of ElringKlinger AG.



Das Original

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