VICTOR REINZ

REINZOSIL®

Technical Data Sheet 833, prev. TDS ---
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Please see the latest issue at www.reinz.com/datasheet

Material	Anthracite coloured, solvent-free sealing, adhesive and coating compound based on polydimethyl siloxane (silicone) with inorganic fillers and an oximosilane cross-linking agent that reacts at room temperature and with air humidity. When the single-component system has cured (vulcanized), butanonoxime is released as a cleavage product. After curing, **REINZOSIL®** is completely odorless.
Properties	This highly elastic **universal sealing compound** is resistant to mineral oils and numerous synthetic oils, lubricants, petrol, diesel oil, greases, hot and cold water, detergents, sunlight, ozone, and seawater. **REINZOSIL®** is suitable for continuous operation in the temperature range between -50 °C and +250 °C, briefly up to 300°C. Hardness (softness) lies in the range of 30 to 35 Shore A.
Application areas	Due to its special properties, **REINZOSIL®** is used in the most varied applications, e.g. as FIPG (formed in place gasket) for wet assembly, i.e. for sealing small gaps under pressure as well as for cylinder liners in piston machines, and also to compensate for extensive component warping. Moreover, the sealing compound is also used to seal constructional fissures or cracks, and for seals that are subjected to considerable relative movement. In contrast with REINZ Universal Sealing Compound 200 PU, the sealing layer is destroyed during disassembly, and a new coating is required after the surfaces have been cleaned. The compound can also be applied to assembled components. In these cases, after the sealing joint has been cleaned and degreased, **REINZOSIL®** is applied directly to the sealing gap, similar to the procedures used in the building industry.
Instructions for use	Remove any gasket remnants or other residues such as grease, oil, etc. with REINZ Solvent Remover. Allow the surfaces to dry. Then apply the sealing compound on one side manually or by means of a pneumatic spraying device. Assemble the components immediately! The processing temperature lies between +5°C and +40 °C. Depending on temperature and humidity, a skin develops after 5 to 12 minutes. The full curing time depends mainly on the relative air humidity (RH) and room temperature, as well as on the thickness (gap height) and width of the applied layer. **The following applies:** The higher that air humidity and temperature are, or the thinner and narrower the sealing layer is, the shorter will the curing time be. With a layer or gap width of e.g. 7 mm, and a thickness or gap height of 1,5 mm at 40 °C und 90 % RH, the full curing time is about 9 hours, provided that temperature and humidity have access to both sides. With the above sealing gap dimensions, but at normal environmental conditions (approx. 23 °C and 50 % RH), curing time would be about 100 hours. Fully cured (vulcanized) material can only be removed mechanically.

Caution! Irritation of the respiratory tracts!
Ensure good room ventilation.

The data specified above have been compiled to the best of our knowledge, and are valid for the material "as delivered". They describe the product with respect to safety requirements and do not imply any specific product properties. In view of the many possible installation and operating conditions, no final conclusions may be drawn for all applications. Therefore, we cannot assume any liability for the information provided. The data do not specify any assured properties. In case of doubt, please contact us with an exact description of the application.

Storage period

Unopened cartridges can be stored for about 12 months in a dry environment (+5°C to 25 °C).

Form of delivery

Form of Delivery	REINZ-No.	Packaging Unit
Tube, 20 ml	70-28437-00	20 tubes in counter display
Tube, 70 ml	70-31414-10	14 tubes in counter display
Pressurized can, 200 ml	70-31414-20	20 pressurized cans in counter display