

AXLE PARTS BULLETIN

DATE: 28/01/2021

For Axle Models: All

The Dana recommended sealing compound **REINZOSIL**

REINZOSIL is the recommended and approved sealing compound for all Dana Assemblies and is exclusively used in the manufacture of all new axles built in Australia. REINZOSIL is approved by Kenworth and is available from Dana Australia or via the partnered distribution network.



The part number for the 200ml aerosol can is: **70-31414-20**

The part number for the 70ml tube is: **70-31414-10**

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 sea water.

Application

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 compound is also used to seal constructional fissures or cracks, and for seals that are subjected to considerable relative movement.



Instructions for use

Remove any gasket remnants or other residues such as grease, oil, etc. with RE-MOVE 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.

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 and 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 ambient conditions (approx. 23 °C and 50 % RH), curing time would be about 100 hours. Fully cured (vulcanized) material can only be removed mechanically.

For more details check the Technical data sheet 833 on www.reinz-industrial.com

For the MSDS go to: www.victorreinz.com/en/service-downloads/datasheets



If you have any questions, please call Dana Australia on **1300 003 262** or e-mail aus.spicer@dana.com for more information.