

CHEMOSIL 222 Universal Bonding Agent

GENERAL

CHEMOSIL 222 is an universal Bonding Agent developed for high temperature resistance rubber / metal bonding.

CHEMOSIL 222 bonds different rubber based on BR, CR, IIR, IR NR and SBR.
With primer CHEMOSIL 211 give the bonding parts excellent corrosion temperature and glycol resistance.

The bonding system CHEMOSIL 211 + CHEMOSIL 222 give excellent result for high dynamical and high temperature stressed rubber/metal parts.

Technical Data

Composition	Polymers and Fillers dispersed in Xylene
Colour	black
Viscosity 4 mm Ford-Cup	80 – 120 s
Specific Gravity	1,99 – 1,03 g/cm ³
Flashpoint	24° C
Solid Content	28 – 32 % by weight
Shelf life	24 Months

Application

CHEMOSIL 222 can be applied by spraying dipping or brush. For the recommended coating thickness of approximately 15 microns, the following dilution is recommended.

Brush	Undiluted
Dipping	Undiluted or up to 20 % dilution with Xylene or Toluene
Spraying	50 % - 100 % dilution with Xylene or Toluene

Important

Undiluted CHEMOSIL 222 must be thoroughly stirred prior to application to assure homogeneity. Diluted product must be stirred continuously to avoid sedimentation (separation).

When dry, CHEMOSIL 222 forms a solid, dry, black film. Coated parts can be stored for several weeks in a clean environment.

Cautionary Information

Before using this or any CHEMOSIL product, refer to the Material Safety Data Sheet (MSDS) and label for safe use and handling instructions. For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

All information is based upon laboratory tests and industrial experience, and is intended for use, at their own risk, by persons having technical skill.

We assume no liability in connection with the use of the product described here in. Values stated in this bulletin represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact CHEMOSIL.

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