

## CHEMOSIL 211 Universal Primer

CHEMOSIL 211 is an universal primer for CHEMOSIL Bonding Agents, suitable for use with Bonding Agents CHEMOSIL 222, 411 or 602.

CHEMOSIL 211 provides the elastomer / metal bonding with excellent protection against water, corrosion and generally, against hydrolytic effects.

In addition, it results in superior dynamic and temperature stability. (An added feature obtained with CHEMOSIL 211 is resistance to technical greases and oils).

Even in the case or of hard-to-bond substrates, use of CHEMOSIL 211 facilitates achievement of excellent bond.

CHEMOSIL 211 lends itself exceptionally well to the one-coat bonding of Nitrile Rubber (NBR), widely for gasketing.

### Technical Data

<b>Composition</b>	Polymers and Fillers dispersed in MIBK and Xylene
<b>Colour</b>	Grey
<b>Viscosity 4 mm Ford-Cup</b>	24 - 28 s
<b>Specific Gravity</b>	0,940 – 0,980 g/cm <sup>3</sup>
<b>Flashpoint</b>	17° C
<b>Solid Content</b>	26 – 30 % by weight
<b>Shelf life</b>	24 months

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## Application

The CHEMOSIL 211 primer can be applied by spraying, dipping or brush.

For the recommended coating thickness of approximately 10 microns, the following dilution is recommended:

<b>Brush</b>	Undiluted
<b>Dipping</b>	Undiluted or 20 % dilution with MEK or Toluene
<b>Spraying</b>	30 – 50 % dilution with MEK or Toluene

## Important

Undiluted CHEMOSIL 211 must be thoroughly stirred prior to application to assure homogeneity.

Diluted product must be stirred continuously to avoid sedimentation (separation).

When dry, CHEMOSIL 211 forms a grey film on the metal part, providing excellent corrosion protection.

Metal parts properly primed with CHEMOSIL 211 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.

Information provided herein is based upon tests believed to be reliable. Inasmuch our company has no control over the manner in which others may use this information; it does not guarantee the results to be obtained. In addition, our company does not guarantee the performance of the product or the results obtained from the use of the product or this information where the product has been repackaged by any third party including but not limited to any product end user. Nor does the company make any express or implied warranty of merchantability, or fitness for a particular purpose concerning the effects or results of such use.

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