

## **CHEMOSIL 310** **One-Coat Bonding Agent**

### **Description**

CHEMOSIL 310 is a one-coat bonding agent used to bond ACM, CR, NBR, and Millable Urethane to metal during the vulcanization process.

### **Technical Data**

<b>Composition</b>	Polymers and Resins dispersed in MIBK
<b>Colour</b>	black
<b>Viscosity</b> <b>4 mm Ford-Cup</b>	35 – 39 s
<b>Specific Gravity</b>	0,900 – 0,90 g/cm <sup>3</sup>
<b>Flashpoint</b>	16° C
<b>Solids Content</b>	22 - 26 % by weight
<b>Shelf life</b>	12 months

\*Data is typical and not to be used for specification purposes.

### **Application**

Treat metal parts chemically or mechanically. After the film has dried, bonds will develop between the rubber compounds and the coated parts during vulcanization.

### **Important**

CHEMOSIL 310 bonding agent must be thoroughly stirred prior to application. For the recommended coating thickness of approximately 15 microns, the following dilution is suggested:

<b>Brush</b>	Undiluted
<b>Dipping</b>	20 % diluted with Toluene
<b>Spraying</b>	50 % - 100 % diluted with Toluene or Xylene

When dry, CHEMOSIL 310 bonding agent 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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