

## Release Agent MK-7085/11/G5

### Description:

Release Agent MK-7085/11/G5 is a water-based "ready-to-use" release agent, forming a coherent release film on the mould surface. After polymerization, the emerged micro-thin film is highly resistant, even to abrasive materials and thermally stable even at temperatures exceeding 300°C. Release Agent MK-7085/11/G5 contains a slip agent to help creating remarkably smooth surfaces and help reducing the friction between elastomer and release agent. Nevertheless, the strong chemical bonding to most mould materials is not impaired. Release Agent MK-7085/11/G5 does not transfer to the moulded parts, allowing further processing like varnishing or gluing without subsequent treatment. Build-up on the mould surface, caused by depositions of pigments, anti-aging agents, resin residues etc. is reduced considerably. A build-up caused by Release Agent MK-7085/11/G5 is unlikely, if it is used as directed.

### Application Fields:

Release Agent MK-7085/11/G5 is suitable for applications with any kind of elastomer except for silicone rubber. Release Agent MK-7085/11/G5 shows excellent performance and compatibility to SBR, NBR and EPDM-compounds in the purpose of producing rubber shoe soles. Release Agent MK-7085/11/G5 gives the manufactured parts a glossy surface.

### Application:

Clean the moulds thoroughly prior to the application of Release Agent MK-7085/11/G5. We highly recommend, cleaning the mould surfaces with a fast evaporating solvent, to ensure eliminating residues of grease or wax. As a priming coat, apply 1-2 thin and uniform layers of the release agent to the hot mould. Extending the drying time and increasing the mould temperature will enhance the release agent's durability and increase the number of possible releases per application. Start the production after this pre-treatment. To refresh the release film, it is sufficient to reapply a single, thin coat of Release Agent MK-7085/11/G5. Keep in mind, that every layer applied needs sufficient curing time.

### Technical Data:

<b>Composition:</b>	resin mixture
<b>Appearance:</b>	white fluid
<b>Density [g/cm<sup>3</sup>]:</b>	approx. 1
<b>pH-value (20°C):</b>	approx. 9

### Packaging:

Can	10 kg
Drum	200 kg
IBC	1000 kg

### Storage:

Release Agent MK-7085/11/G5 should be stored in tightly sealed containers and has to be protected from frost, heat and direct sunlight. If these rules are obeyed, the product can be stored for at least 6 months. The expiry date is stated beneath the production date on the labels of each container.

**Information for regulations on safety and transportation are provided in the safety data sheet**

**Further information:**

Product technical information and data is based on the best information available and does not constitute or imply a warranty or patent infringement of any kind. The user is responsible for testing product suitability prior to use in production.

Page: 1 of 1  
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