

## Release Agent MK-100 Spray

### Description:

Release Agent MK-100 Spray is a "ready-to-use" release agent, forming a coherent release film on the mould. Though this film is micro thin, it is after cure very resistant, even with abrasive materials and at temperatures up to 400°C. Release Agent MK-100 Spray develops a strong chemical bonding to most mould materials and thus provides multiple releases per application. Release Agent MK-100 Spray does not transfer to the moulded parts, allowing further processing like varnishing or gluing without subsequent treatment. Build up on the moulds caused by depositions of pigments, anti aging agents, resin residues etc. is reduced considerably. A build up caused by Release Agent MK-100 Spray is unlikely if it is used as directed.

### Application Fields:

Release Agent MK-100 Spray is suited as a release agent for the processing of all kinds of elastomers except silicone-rubber, and for epoxy resins.

### Application:

Prior to the application the moulds have to be thoroughly cleaned. It is recommended to wash the moulds afterwards with a fast evaporating solvent to eliminate all residues of grease or waxes. As a priming coat, 2 thin uniform layers of the release agent are applied to the hot mould. Between the applications there should be 1 to 2 minutes of drying time at 120°C. Otherwise the product has to be tempered at processing temperature. Longer drying time and higher temperature will result in an improved durability and an increased number of releases per application. After this pretreatment the processing can be started. To refresh the release film, it is sufficient to reapply one single coat of Release Agent MK-100 Spray, considering the drying time.

### Technical Data:

<b>Composition:</b>	mixture of resins in solvent
<b>Appearance:</b>	colourless liquid
<b>Density [g/cm<sup>3</sup>]:</b>	approx. 0.72
<b>Flashpoint [°C]:</b>	< 0

### Packaging:

Box 12 x 0,4 ltr. can

### Storage:

Release Agent MK-100 Spray 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 12 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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