

Release Agent MK-100

Description:

Release Agent MK-100 is a "ready-to-use" - release agent, forming a coherent release film on the mould. Though this film is micro-thin, it is very resistant after cure, even with abrasive materials and at temperatures up to 400°C. Release Agent MK-100 develops a strong chemical bonding to most mould materials and thus provides multiple releases per application. Release Agent MK-100 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 is unlikely if it is used as directed.

Application Fields:

Release Agent MK-100 is suited as a release agent for the processing of all kinds of elastomers (including epoxy resins,) but not for silicone-rubber.

Application:

Thoroughly clean the moulds, prior to the application. Proceed by cleaning the moulds 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. A drying time of one up to two minutes at 120°C should be maintained. 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 pre-treatment the processing can be started. To refresh the release film, it is sufficient to reapply one single coat of Release Agent MK-100, considering the drying time.

Technical Data:

Composition:	mixture of resins in solvent
Appearance:	colourless liquid
Density [g/cm³]:	approx. 0.73
Flashpoint [°C]:	< 0

Packaging:

Can	21.6 kg
Drum	144 kg

Storage:

Release Agent MK-100 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.

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