

Release Agent MK-7083/11/G5

Description:

Release Agent MK-7083/11/G5 is a water-based "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 to abrasive materials and temperature stable up to 300°C. The product contains a slip agent, resulting in remarkably smooth surfaces, drastically reducing the friction between the elastomer and the release agent. Nevertheless, the strong chemical bonding to most mould materials, providing multiple releases per application, is not impaired. Release Agent MK-7083/11/G5 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-7083/11/G5 is unlikely if it is used as directed.

Application Fields:

Release Agent MK-7083/11/G5 is suited as a release agent for the processing of all rubber types except silicone-rubber. The product has shown excellent performance with Vamac compounds.

Application:

Begin by thoroughly cleaning the mould. We recommend cleaning the moulds with a fast-evaporating solvent to be sure to have eliminated all grease- or wax- residues. As a priming coat, two thin uniform layers of the release agent are applied to the hot mould. Longer drying time and higher temperature will result in improved durability and an increased number of possible releases per application. After this pretreatment the processing can be started. To refresh the release film, it is sufficient to reapply a single, thin coat of Release Agent MK-7083/11/G5 and let it dry sufficiently.

Technical Data:

Composition:	waterbased emulsion, of synthetic resins solvent free
Appearance:	white liquid
Density [g/cm³]:	approx. 1
pH-value (20°C):	approx. 6

Packaging:

Can	30 kg
Drum	200 kg

Storage:

Release Agent MK-7083/11/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.

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