Release Agent MK-57/11 Spray

Description:

Release Agent MK-57/11 Spray 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 after cure very resistant and temperature stable up to 300°C. Release Agent MK-57/11 Spray develops a strong chemical bonding to most mould materials and thus provides a high number of releases per application. Release Agent MK-57/11 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-57/11 Spray is unlikely if it is used as directed. Because of the hardness of the release film parts produced with Release Agent MK-57/11 Spray will have a matte surface.

Application Fields:

Release Agent MK-57/11 Spray has been developed for processing with peroxide cured EPDM- and HNBR-compounds as well as fluoric compounds. The product is suitable for any other kind of compound and curing system as well, except silicone rubber.

Application:

The first step is to thoroughly clean the mould. It is recommend to wash the molds afterwards with a fast evaporating solvent to be sure to have eliminated all grease- or wax residues. As a priming coat, 1-2 thin uniform layers of the release agent are applied to the hot mould. Longer drying time and higher temperature will result in an improved durability and an increased number of possible releases per application. After this pre-treatment the processing can be started. To refresh the release film, it is sufficient to reapply a single, thin coat of Release Agent MK-57/11 Spray, considering the drying time.

Technical Data:

Composition:	aqueous emulsion of synthetic resins, solvent-free
Appearance:	white liquid
Density [g/cm³]:	approx. 1
pH-value (20°C):	approx. 9 - 10

Packaging:

Box	12 x 0.4 ltr. can

Storage:

Release Agent MK-57/11 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 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

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.

Further information:

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