

Release Agent MK-2500

Description:

Release Agent MK-2500 is a water-based release agent concentrate, 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 temperatures higher than 200°C. Release Agent MK-2500 develops a strong chemical bonding to most mould materials, thus provides multiple releases per application. Release Agent MK-2500 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-2500 is unlikely if it is used as directed.

Application Fields:

Dilutions of Release Agent MK-2500 are suited as a release agent for the processing of all rubber types except silicone-rubber.

Application:

Release Agent MK-2500 can be diluted up to 1:100 with water. The use of demineralized water is highly recommended.

Begin by thoroughly cleaning the moulds. We recommend to treat the molds 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 pretreatment the processing can be started. To refresh the release film, it is sufficient to reapply a single, thin coat of Release Agent MK-2500, considering the drying time.

Technical Data:

Composition:	aqueous emulsion of synthetic resins, solvent-free
Appearance:	yellowish liquid
Density [g/cm³]:	approx. 1
pH-value (20°C):	approx. 8

Packaging:

Drum	200 kg
IBC	1000 kg

Storage:

Release Agent MK-2500 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

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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Viernheimer Str. 70-76
 D-69469 Weinheim
 Postfach 10 07 29
 D-69447 Weinheim

Geschäftsführer: Wilhelm Münch
 Amtsgericht Mannheim HRB 431102

Tel +49 (0)6201/99 83-0
 Fax +49 (0)6201/99 83-66
 info@muench-chemie.com
 www.muench-chemie.com

USt.-IDNr. DE 144497299
 Steuer-Nr. 47020/10016

Bankverbindungen Weinheim:

Deutsche Bank AG
 BLZ 670 700 24
 Kto. 586 896 300
 Swift Code/BIC: DEUT DE DB 670
 IBAN: DE84 6707 0024 0586 8963 00

Volksbank eG
 BLZ 670 923 00
 Kto. 1 078 801
 Swift Code/BIC: GENO DE 61 WNM
 IBAN: DE40 6709 2300 0001 0788 01