

MCOR™ MP Release Agent

Product Technical Data

Multipurpose Releasing Agent
for various MCOR™ polymer
compounds and coatings

MCOR™ MP Release Agent is a convenient, liquid sealing agent and release agent in one. This non-flammable, low VOC formula is offered as a “one step” alternative to using a sealing agent followed by a release agent.

MCOR™ MP Release Agent will facilitate the release of cured MCOR™ products from concrete, stone, brick, wood, metal and other surfaces.

Features

- Low Viscosity Liquid – goes on easily and thoroughly coats any surface when used as directed
- Easy To Use – Apply with brush or sprayer
- Non-Hazardous formula – Does not incur hazardous shipping costs
- Contains No VOC's
- Convenient sealer and release agent in one

Application Recommendation

Use in low humidity environments. High humidity will slow evaporation of solvents. Application surface should be clean, dust free and dry. Shake container well before each use.

Use a dry brush to apply thorough thin coating of MCOR™ MP Release Agent over entire surface of any surfaces that will contact the material you are seeking to release. Brush into deep detail and undercuts. Do not allow to pool. Blow off excess with compressed air. Let dry 20 minutes. Apply a second coating and let dry 40 minutes.

Note: if sealing an extremely porous surface (such as pressed brick), apply three (3) coats of MCOR™ MP Release Agent before applying subsequent materials. Because no two applications are the same, a small test application to determine suitability for your project is recommended if performance of this material is in question.

Film Thickness & Theoretical Coverage

MCOR™ MP Release Agent is designed to be applied as a two-coat system minimum. Applied at 50 - 75 microns (2-3 mils) by roller/brush or spray, per coat. 18.5 m²/kg. at 75 microns DFT (200 ft²/kg. at 3 mils WFT). Actual coverage will depend on surface conditions, irregularities, and surface profile.

Storage & Handling

Store in a dry area away from direct sunlight. The material should be stored between 24 °C (75 °F) and 35 °C (95 °F).

Limitations

Shelf life: 5 years, sealed.

Thin wire for backing and composite reinforcement enhancement. Use with polymers for composite repairs, not as a stand-alone. Made of glass and fibers, do not anchor with tack-welding nor heat.

Volume Capacity

A unit is a single component. The volume capacity of a 1 kg of MCOR™ MP Release Agent is 1.25 Liters.

Safety

Read and review all SDS information prior to opening and use.



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Important! Although the technical details and recommendations contained in this data sheet correspond to the best of our knowledge and experience, all the above information must, in every case be taken as merely indicative and subject to confirmation after long-term practical applications; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product. The sole liability of MCOR and Epoxytec International, Inc. for any claims out of the manufacturer's use of sale of its products shall be for the buyer's purchase price.

