

CoatOSil™ 2059

Silicone Emulsion

Product Description

CoatOSil 2059 silicone emulsion is a solvent-free, fourmulated without APEO water-based emulsion of an amino functional siloxane formulated without alkylphenol ethoxylate (APEO).

Typical Physical Properties

Active substance content	approx. 35 % w/w
Density (DIN 51757, at 20 °C)	approx. 0.98 g/ml

Typical physical properties are average data and are not to be used as or to develop specifications.

Potential Applications

CoatOSil 2059 silicone emulsion can be considered for use as a masonry water repellent, while still allowing the substrate to 'breathe', without blocking enclosed water vapor transmission. It can be considered for the water repellent treatment of the following substrates:

- concrete
- fibrous cement products
- calcium silicate brick
- natural stone
- plaster
- brick

It is an excellent option to consider as a stain resistant sealer for marble.

General Considerations for Use

1 part / vol. CoatOSil 2059 silicone emulsion 3 parts / vol. tap water. Tap water can be

used in formulations. The water hardness should not exceed 20°dH (German hardness).

For long term storage of dilutions of CoatOSil 2059 silicone emulsion, containers, pipes and pumps should be clean.

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Depending on the supply of local water, an analysis may be necessary to determine the relative concentration of bacteria.

In the case of drum / bulk storage, a preservative, biocide, may be necessary (e.g. addition of 0.1 % Preventol® D2, Lanxess, calculated on the total weight of the dilution).

Containers (pails / drums / bulk) should be kept closed.

Standard processes for the water repellent treatment of masonry can be used. Before application on large surfaces, trials should be carried out to determine the optimum active substance concentration. Contact with solvent-born impregnating agents, e. g. residues in formulation / application equipment or with tin compounds, must be avoided.

Application as Anti Stain for Marble

For use on marble, it is recommended to apply CoatOSil 2059 silicone emulsion by brush, roller or flooding. After a short period of time for penetration, wipe away any excess CoatOSil 2059 silicone emulsion with a clean cloth and then polish.

Storage

Correctly stored in its original - unopened container at 25°C, CoatOSil 2059 silicone emulsion has a shelf life of 365 days from the date of manufacturing. Please see also use-before / expiration date on product label and certificate. The product must be protected against frost and heat. Storage at temperatures below 40°F (5°C) and above 104°F (40°C) should be avoided.

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any

invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

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