

WACKER® HC 303

SILICONE FLUID EMULSION

Product description

WACKER® HC 303 is an extremely finely dispersed water-based silicone emulsion. The particle size is in the nanometer range.

WACKER® HC 303 can be easily diluted with water or readily incorporated into coldstirred formulations.

Application

WACKER® HC 303 is used primarily as polish in the home care sector.

WACKER® HC 303 is ideal for impregnating natural or synthetic textiles in a washing machine. It is recommended to apply the product in the rinse cycle. The impregnation effect is reached without loss of breathability of the fabrics. Recommended application concentration:

150 g WACKER® HC 303 / rinse circle

Besides WACKER® HC 303 is well suited for hydrophobing most different materials as textiles, leather, wood, cork, paper, etc. For these applications WACKER® HC 303 is diluted with water to an active content of 1 – 5 %.

Stir well before use.

Storage

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

In pretests with this product concerning acute aerosol toxicity harmful effects including mortality have been observed. Therefore applications of the product which lead to generation of respirable aerosols are not recommended. To avoid a relevant aerosol exposure through use of WACKER® HC 303 it must be ensured that the aerosol formed during application fulfils the following conditions: the Mass Medium Aerodynamic Diameter (MMAD) of particles should be at least 30 µ, with no more than 1 % of the particles having aerodynamic diameters of 10 µ or less (SEHC Aerosol Inhalation Guidance, www.sehsc.com/science.asp).

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

Product data

Typical general characteristics	Inspection Method	Value
Appearance		clear - slightly opaque
Solid content		approx. 17 %
pH-Value	Indicator strips	4,5
Particle size		approx. 25 nm

The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

WACKER is a trademark of Wacker Chemie AG.

For technical, quality, or product safety questions, please contact:

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