

WACKER E40

Silicone release agent for footwear

WACKER E 40 emulsion is a 33% active non-ionic emulsion formulated with polydimethylsiloxane.

Properties

WACKER E 40 can be used both in concentrated as well as in diluted form. It has excellent shine and release properties for synthetic polymer composite especially for EVA composite. Because of its nonionic nature, it can be used in a variety of systems, such as nonionic, anionic, cationic surfactant or polymer systems without forming a complex.

- Ready to use nonionic emulsion
- Good emulsion stability after extended periods at 50°C (4 weeks)
- Does not contain alkylphenol ethoxylates (APEO)
- Provides gloss and water repellency
- Good dilution stability .

Technical data

Properties

Property	Condition	Value	Method
Appearance	-	White emulsion	Visual
Nonvolatile content, %	-	36	-
pH	At 25°C by Indicator Strip	6-8	-

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms & conditions always take precedence. The disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Application details

WACKER E 40 emulsion can be used as received or in a diluted form.

Properly clean the mold before application. Use low hardness clean water to dilute the WACKER E 40 and a standard dilution of 1: 50 to 1:100 is recommended for best results but the user should determine the best concentration and application method on a small scale before going for large scale production.

Storage and shelf life

WACKER E 40 has a shelf life of at least 6 months when stored at 25 °C in the tightly closed original container. The 'Best use before end' date of each batch appears on the product label. Emulsions showing signs of creaming should be agitated before use to assure uniform consistency.

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.

Product Safety

Detailed safety information is contained in each material data safety sheet, which can be obtained from our sales offices.

The data presented in this medium are in accordance with the present sate 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 process or new developments. The recommendations are made in this medium 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 information provided by us does 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 product for a particular purpose.



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