WACKER® CATALYST EM 440

Silicone Fluid Emulsions

WACKER® CATALYST EM 440
is an emulsion containing highly reactive Platinum catalyst. The product is designed for as a part in release coating formulations for the production of release papers and films.

Properties

- high reactivity
- superior good wetting properties
- gooed anchorage
- good sheer stability

Technical data

General Characteristics

Property	Condition	Value	Method
Appearance	-	milky, white	-
Density	20 °C	approx. 1 g/cm^3	-
Solid Content	-	50 %	-

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 and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

- Release Coatings

Application details

WACKER® CATALYST EM 440 is compounded with Silicone Emulsion Crosslinkers and Dehesive® Emulsions. It used to produce film based release liners.

Processing: Before use stir thorougly.
1. Prepare the water quantity in a clean container while stirring slowly.
2. Add the Dehesive(R) polymer or polymer/crosslinker emulsion directly to the tank and mix at moderate shear.
3. In a next step add the crosslinker emulsion and continue mixing moderatedly.
4. Add the Catalyst–EM in the last step and mix at moderate shear to achieve a homogeneous bath.
5. Please take care of perfect homogenization while adding the Catalyst-EM. Avoid local overconcentrations and catalyst poisons.

Packaging and storage

Storage

Store in a dry and cool place. Silicone emulsions are not freeze/thaw stable!

The 'Best use before end' date of each batch is printed 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

Siloxane EM Catalysts should never get into direct contact with concentrated Siloxane Crosslinker Emuslions or Alkaline Systems, since this may cause a uncontrolled emission of hydrogen. The formation of hydrogen might lead together with air to the explosive mixtures.

Comprehensive safety information is given in the corresponding Material Safety Data Sheet.
Comprehensive compliance information is given in the the corresponding Product Compliance Sheet.
The sheets are available on request from WACKER subsidiaries or after registration on http://www.wacker.com.

QR Code WACKER® CATALYST EM 440

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

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