

DEHESIVE[®] EM 490



Vinylpolymers

DEHESIVE[®] EM 490 is a vinyl polymer emulsion containing polymer and used in combination with Catalyst and Crosslinker emulsions to provide release properties to a variety of substrates.

Properties

- Very fast and low temperature cure
- Flat release profile
- Good release stability
- Excellent anchorage to a wide variety of substrates
- Good bath life
- Very good shear resistance

Specific features

- Emulsions
- Polymer

Technical data

General Characteristics

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

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

- Label
- Medical / Hygiene
- Release Coatings

Application details

DEHESIVE® EM 490 is compounded with Silione Emulsion Crosslinkers and Catalysts. The main use DEHESIVE® EM 490 is the production of hygiene papers.

Processing

Batch Preparation

All handling equipment and lines need to be clean. Stir thoroughly before use .

Mixing Order^{h3End}

- Prepare the water quantity in a separate, clean container while stirring slowly.
- Add the polymer- or polymer/crosslinker emulsion directly to the tank and mix at moderate shear.
- In a next step add the crosslinker emulsion and continue mixing moderately.
- Add the Catalyst-EM in the last step and mix at moderate shear to achieve a homogeneous bath.

Avoid Catalyst poisons at any time.

Coating DEHESIVE® EM 490 is suitable for size press and gravure coating processes.

Packaging and storage

Storage

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

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

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 DEHESIVE® EM 490



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

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