

DEHESIVE[®] EM 491



Vinylpolymer Emulsions

DEHESIVE[®] EM 491 is an emulsion containing vinylpolymer and hydrogenpolysiloxane. It is used together with other components to apply a silicone release layer on paper substrates.

Properties

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

Specific features

- Emulsions

Technical data

General Characteristics

Property	Condition	Value	Method
Appearance	-	-	-
Content	-	42 %	-
Density	-	-	-

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.

Compliance

Full compliance info plus certificates can be downloaded from the product website.

✓ Kosher Certificate

Applications

- Release Coatings

Application details

DEHESIVE® EM 491 is compounded with Silicone Emulsion Catalysts like Cat EM 470.

Processing Before use, stir thoroughly.

1. Prepare the water quantity in a clean container while stirring slowly.
2. Add the DEHESIVE® EM 491 directly to the tank and mix at moderate shear.
3. Add additional components if needed. Homogenize thoroughly.
4. Add the Catalyst EM in the last step and mix at moderate shear to achieve a homogeneous bath. Please take care of perfect homogenization while adding the Catalyst EM.

Avoid local concentration peaks 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

Emulsions containing Hydrogenpolysiloxane must not get into direct contact with alkaline substances, since this may cause a spontaneous, uncontrolled emission of hydrogen. The formation of hydrogen might lead together with air to 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 DEHESIVE® EM 491



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

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