

# WACKER® CROSSLINKER V 68

## Curing Agents

WACKER® CROSSLINKER V 68 is an emulsified hydrogenpolysiloxane containing reactive Si-H groups. It is designed as part for of a emulsion release coating system on a variety of substrates.

## Properties

- superior curing allows for low platinum formulation
- easy mixing and metering
- good release stability
- good bath life
- very good wetting properties
- high shear stability
- suitable for paper and filmic substrates

## Specific features

- Crosslinker
- Emulsions

## Technical data

### General Characteristics

Property	Condition	Value	Method
Solid content	-	40.0 %	-
Appearance	-	milky-white	visual check
pH	500 g/l	3 - 5	Indicator strips

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® CROSSLINKER V 68 is compounded with Silicone Catalyst Emulsions and Dehesive® Emulsions. It used to produce release liners especially on filmic substrates.

### PROCESSING

Before use, stir thoroughly.

1. Please re-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 moderately.
  4. Add the Catalyst-Emulsion 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

Siloxane Crosslinker Emulsions should never get into direct contact with concentrated Siloxane Catalyst Emulsions or Alkaline Systems, 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 WACKER® CROSSLINKER V 68



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

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