

DEHESIVE[®] 920



Vinylpolymers

DEHESIVE[®] 920 is a solventless, addition-curing silicone fluid. It is part of a multicomponent system. Combined with crosslinker, catalyst and others it is used to apply a release coating on paper and filmic substrates.

Properties

- Rapid curing
- Low release force at low peel speed
- Dynamically raising RF profile;
- In-line processing possible
- Suitable for versatile PSA adhesives
- Very low volatiles content
- Very long pot life

Specific features

- Polymer
- Solvent-free

Technical data

General Characteristics

| Property | Condition | Value | Method |
|-------------------------|-----------|------------------------|-----------|
| Appearance | - | colorless | - |
| Content of active agent | - | 100 % | - |
| Density | 25 °C | 0.97 g/cm ³ | DIN 51757 |
| Viscosity, dynamic | - | 500 mPa·s | - |

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

DEHESIVE® 920 is part of a release coating system for paper and filmic substrates.

Processing:

DEHESIVE® 920 is used in combination with crosslinker and platinum catalyst and if applicable CRA® release modifier.

Mixing order

1. First pour in CRA® Modifier in case CRA® is used
2. Add DEHESIVE® 920 several portions and stir slowly until the mixture is homogeneous.
3. Thoroughly stir in Crosslinker homogeneously.
4. Slowly stir in catalyst homogeneously and avoid local over concentrations.

Make sure that catalyst poisons are avoided in batch preparation and processing steps.

For a short time compounded batches may emit small amounts of hydrogen. To avoid pressure formation store in ventilated containers.

Coating :

Modern coating systems are particularly effective with DEHESIVE® systems. The batch is best added direct to the nip of the coating unit.

Packaging and storage

Storage

Store in a Dry and Cool 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® 920



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

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