

DEHESIVE[®] SF 500



Vinylpolymers

DEHESIVE[®] SF 500 is a solvent-free, addition-curing silicone fluid. It is part of a multicomponent system. Combined with crosslinker, platinum catalyst and others it is used to apply a release coating on paper and filmic substrates.

Properties

- Fast curing
- Low release force at low peel speed
- Dynamically raising release profile
- Good release stability
- Suitable for versatile PSA adhesives
- Very low volatiles content
- Excellent anchorage to a wide variety of substrates

Specific features

- Polymer
- Solvent-free

Technical data

General Characteristics

Property	Condition	Value	Method
Viscosity, dynamic	25 °C	approx. 500 mPa·s	-
Content of active agent	-	100 %	-
Appearance	-	colorless	-
Density	-	0.97 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

- Release Coatings

Application details

DEHESIVE® SF 500 is part of a release coating for paper and filmic pressure sensitive laminates. Examples are uses for single and double-sided industrial release laminates.

Processing

Mixing Order:

1. First pour in CRA® modifier in case CRA® is used.
2. Add DEHESIVE® SF 500 in several portions and stir slowly until the mixture is homogeneous.
3. Thoroughly stir in Crosslinker.
4. Slowly stir in catalyst. Local over-concentrations must be avoided.

Care must be taken with solvent-free DEHESIVE® products to ensure that catalyst poisons do not contaminate the batch. For a short time compounded batches might emit small amounts of hydrogen. Storage in ventilated containers is recommended to avoid pressure formation.

Coating :

Modern coating systems are particularly effective with DEHESIVE® systems. The batch is best added directly 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 shown 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 instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

QR Code DEHESIVE® SF 500



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

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