

DEHESIVE[®] SFX 250



Vinylpolymers

DEHESIVE[®] SFX 250 is a solvent-free, addition-curing silicone fluid. It is designed for release applications and applied with additional components on paper and filmic substrates.

Properties

- Superior cure properties allow for the use with temperature sensitive substrates or comparatively low platinum levels at standard conditions.
- Low release force at high peel speeds
- Extremely flat release profile
- Very good release stability
- Good coverage
- Suitable for inline and offline lamination processes

Specific features

- Polymer
- Solvent-free

Technical data

General Characteristics

Property	Condition	Value	Method
Viscosity, dynamic	25 °C	approx. 215 mPa·s	-
Content of active agent	-	100 %	-
Appearance	-	colorless	-
Density	25 °C 1013 hPa	0.97 g/cm ³	not specified

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® SFX 250 is part of a multicomponent release coating to produce paper and filmic release liners. The liners are used for production of single and double-sided self-adhesive laminates.

Processing

Mixing order:

1. First pour in CRA® modifier in case CRA® is used.
2. Add DEHESIVE® SFX 250 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.

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

Compounded batches may emit small amounts of hydrogen, but only for a short time. 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 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® SFX 250



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

Wacker Chemie AG, Hanns-Seidel-Platz 4, 81737 Munich, Germany
info@wacker.com, www.wacker.com

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.