

TECHNOMELT SUPRA PRO 450 COOL

January 2023

PRODUCT DESCRIPTION

TECHNOMELT SUPRA PRO 450 COOL provides the following product characteristics:

Technology	Hot Melt Adhesive
Application	Packaging Industry
Appearance	White, solid

Application Areas

TECHNOMELT SUPRA PRO 450 COOL is a high-quality food packaging hot melt adhesive for case, carton, and tray formation.

Product Properties

- Excellent heat stability and has excellent molten clarity
- Low odor
- Fast setting
- Very high hot tack
- High heat resistance
- Good cold resistance
- Low application temperature for improved safety and reduced energy costs

Technical Data

TECHNOMELT SUPRA PRO 450 COOL:

Solids Content, %	100
Viscosity, Brookfield - 275 °F, cP (mPa.s)	800 to 1,200
Density, lbs/gal	7.28
Softening Point, °F	211

Compliance with food packaging regulations

TECHNOMELT SUPRA PRO 450 COOL conforms to the FDA regulation CFR 21 175.105 for indirect food contact.

The responsibility for compliance with the specific conditions is with the converter and not with the adhesive supplier.

A food contact statement with further details is available on request.

DIRECTIONS OF USE

Preliminary Statement

Prior to application it is necessary to read the **Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

Working Temperature

Recommended working temperature: 250 to 300 °F

The recommended application temperature is 275°F, however the specific application requirements may require customization.

It is not recommended to go beyond the running temperature range.

Bond quality and processing can be affected by application temperature.

Handling Information

Due to the variety of substrates available, adhesion of materials can be very different. Therefore pre-tests should be carried out. Material is applied hot. Appropriate clothing and eye protection should be used. Adequate ventilation is recommended when using this product. Refer to Safety Data Sheet.

STORAGE

Rotate stock using oldest material first.

Do not mix with other adhesives.

When stored in a dry and cool place in the original unopened containers shelf life is as follows.

Shelf life:

Shelf-life (in unopened original packaging), months 24

Classification

Please refer to the corresponding **safety data sheets** for details on:

Hazardous Information

Transport Regulations

Safety Regulations



ADDITIONAL INFORMATION**Disclaimer**

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product. Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

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