

TECHNOMELT SUPRA 100

July 2015

Description:

High performance hot melt adhesive used for packaging applications, case & carton sealing and tray forming.

Characteristics

- High quality synthetic hot melt
- High processing quality and adhesion
- Extremely high thermostability, very low charring qualities
- Very high mileage characteristics
- Excellent cold flexibility
- High heat resistance

Approved for both Indirect and Direct Food Contact applications

Technomelt SUPRA 100 meets the following FDA regulations:

- Indirect Food Additives Regulations FDA 21 CFR 175.105 "Adhesives".
- Direct FDA Regulations FDA 21 CFR 176.170 "Components of paper and paperboard in contact with aqueous and fatty foods".
- Direct FDA Regulations FDA 21 CFR 176.180 "Components of paper and paperboard in contact with dry food".

Fields of application

- Versatile product for gluing of wrap-around cases, tray forming, case sealing and carton sealing
- Gluing a wide range of papers and boards – including printed and lacquered surfaces
- Permits high machine speeds
- Suitable for deep-freeze packaging

Typical Properties:

Appearance:	White product, melts clear
Odour:	Negligible
Viscosity:	Approx. 1400 cP at 160°C (320°F) Approx. 950 cP at 180°C (356°F)
Solids:	100%
Open Time:	Approx. 5 - 7 seconds at 170°C
Set Time:	Fast setting (1 - 2 seconds at 170°C)
Softening Point:	100 - 110°C
Molten Tack:	High

Directions for Use:

Technomelt SUPRA 100 may be applied by nozzle, wheel or plunger. Recommended Temperature working range is 160 - 190°C (320 - 374°F). Due to changing surfaces, gluability of materials can be different. Therefore pre-tests should be carried out in the case of difficult-to-bond surfaces, e.g. lacquered and coated substrates.



TECHNOMELT SUPRA 100

July 2015

Clean Up:

TECHNOMELT PUR CLEANER ME can be used for cleaning the hot melt tank and application system. While working with this cleaning agent, strictly observe safety regulations. Refer to the TDS/MSDS for details.

For the cold cleaning of application equipment, conveyor belts or other machine parts TECHNOMELT CLEANER Melt-O-Clean can be applied. TECHNOMELT CLEANER Melt-O-Clean is based on natural resources and supplies the manual cleaning. Before using TECHNOMELT CLEANER Melt-O-Clean, its suitability for lacquered or synthetic coated surfaces should be tested. Refer to the TDS/MSDS for details.

Storage and Handling:

Please read the Material Safety Data Sheet for this product BEFORE use.

Store in a cool and dry place and prevent exposure to temperature extremes. Do not mix with other adhesives.

Please ensure that products classed as a dangerous good are stored in compliance with the applicable regulations.

Shelf Life:

Best used within 24 months from date of manufacture when stored under the above conditions in the original unopened containers.

Last Updated: 10-07-2015

DISCLAIMER

Any information given is, to the best of our knowledge, the best currently available, with respect to our products and their use, but it is subject to revision as additional knowledge and experience is gained. Such information is offered as a guideline for experimentation only and is not to be construed as a representation that the material is suitable for any particular purpose or use. Customers are encouraged to make their own enquiries as to the material's characteristics and, where appropriate, to conduct their own tests in the specific context of the material's intended use. This information is not a license to operate under nor is it intended to suggest infringement of any patent. We guarantee a uniform quality standard for this product. The only conditions and warranties accepted by Henkel in relation to this product or process are those implied by either Commonwealth or State statutes.

All Technical Data Sheets are uncontrolled documents, copies are not automatically updated