

TECHNOMELT® CLEANER EASYFLOW

December 2021

Product description

TECHNOMELT® CLEANER EASYFLOW provides the following product characteristics:

Technology	Cleaner
Product type	Cleaning agent
Application	Wood and furniture industry
Appearance	Granulate, solid, transparent

Application areas

Cleaning of strong contaminated machine parts, like extruder, tank equipment, hoses and nozzles.

Product properties

- Active cleaning agent for application and melting systems which are in contact with hotmelt adhesives
- High cleaning effect
- Good flow behavior

Technical data

TECHNOMELT® CLEANER EASYFLOW:

Viscosity, Brookfield - 100 °C, mPa.s (cP) 8 000 to 11 000
Spindle 27, Speed 20 rpm

Flash point, °C 210
DIN EN ISO 2719

Directions for use

Preliminary statement

Prior to use 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.

Processing

Cleaning of extruder melting systems and roller application units

TECHNOMELT® CLEANER EASYFLOW is especially suitable for the cleaning of complete extruder melting systems including buffer tank, hoses and slot nozzles as well as roller application systems.

The temperature should not exceed 160°C before entering the extruder.

The temperature of the buffer tank including pump, hose and slot nozzle should not be above 170°C. Ensure to have sufficient exhausting available.

Caution - very hot melt - risk of spraying - burn hazard - Caution

The cleaning time is depending on the assumed degree of contamination. The longer the application time of the cleaner, the better the result.

The cleaner should act for at least 8 hours on the recommended temperature.

It is recommended - especially upon use of nozzle systems - to rinse very carefully in order to remove all loose sedimentation from the system. Equipment with filters has to be checked regularly and flushed again if required.

Attention - risk of accident!

No person should be in the area around of the open end of the hoses! The down cooling of the ends of the hoses must be prevented so that the hot cleaner can escape unhindered.

We recommend to repeat the cleaning regularly (4 weeks) to ensure the operational readiness of the system.

Cleaning of roller application systems

TECHNOMELT® CLEANER EASYFLOW cleans also roller application units as part of edge banding machines.

Notice:

The cleaning procedure should be done on maintenance units by qualified employees.

Please contact your OEM partner to get more information about the maintenance stations.

Please ensure that the vapours are exhausted efficiently.

Avoid ignition sources (pocket lighter, emitting sparks) in the area around the heated cleaner!

Cleaning steps:

1. Separate the roller unit from the edgebanding machine and put it on the maintenance station. Start rotating the roll after receiving the preset temperature.
2. Emptying the whole application unit from production glue.
3. The temperature should be set so that between 150 and 160°C is measured at the application roller.
4. Fill in the cleaning granules into the application unit and start heating up until the granules get molten. If possible, close the application unit with a cover plate.
5. Keep the cleaner in the system for at least 8 hours during the roll is turning. As longer the cleaner works as better is the cleaning effect.
6. Remove the cleaner after finishing the procedure by following the OEM-instructions accordingly.
7. To remove stronger burned films use wooden spatulas or brass spatulas.
8. Put the roller application unit back into the edgebanding machine.
9. Fill in the adhesive and set the production temperatures.

Working temperature

At the application temperature of 100 to 170 °C the flash point of 210 °C must be considered and corresponding safety precautions should be taken (no ignition sources should be located in the near of the heated liquid). Fume has to be exhausted according to the technical possibilities - ("Arbeitsstättenverordnung" §§ 14 + 16).

Storage

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

Classification:

Please refer to the corresponding **Safety Data Sheet** for details on:

Hazardous Information**Transport Regulations****Safety Regulations****Additional information****Disclaimer**

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Reference 1