HotmeltCleaner SC-09

Wax cleaner for hot-melt melters and pre-melters

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PRODUCT DESCRIPTION AND APPLICATIONS

HotmeltCleaner SC-09 is a cleaning wax for melters and pre-melters, compatible with different types of hot-melt adhesive. In its molten state it provides strong dilution and descaling action on different types of steel.

TYPICAL PROPERTIES

Property	Unit / conditions	Value
Physical form	—	Prills / granules / powder
Colour	—	White to light grey
Softening point	°C · ASTM E28 / DIN 52011	100–115
Brookfield viscosity	mPa·s · at 160 °C	200 ± 100
Viscosity test method	—	Thermosel system / ASTM 3236
Open time	s · internal method	Not determined
Setting time	s · internal method	Not determined
Recommended use temperature	°C	140–180*
Application systems	—	Not determined

* Operation up to 10 °C outside this range may be possible but is not standard practice. It must be specifically evaluated and recommended by technical support to ensure the intended result.

CLEANING PROCEDURE

Reduce dispensing pressure during cleaning and always wear appropriate protective equipment.

1. Empty the melter as completely as possible and remove its filter.

2. Add HotmeltCleaner SC-09 and allow it to melt completely.

3. Remove carbon deposits and lumps from the melter using non-abrasive tools. Add more cleaner and allow it to melt if necessary.

4. With the hoses disconnected, purge through the melter drain / filter outlet to remove internal residues. Continue until the liquid is clear and free from residues.

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Cleaning procedure continued

5. Install a new or cleaned melter filter and reconnect the hoses, keeping the application nozzles excluded.

6. Flush the hoses with HotmeltCleaner SC-09 until the discharged liquid is clear and free from residues.

7. Replace or clean the filters in each application module. Remove and clean the nozzles.

8. Connect the hoses to the application modules without the nozzles fitted. Flush the modules until the discharged liquid is clear and free from residues.

9. Fit new or cleaned nozzles to the corresponding application modules.

10. Completely empty the melter and fill it with the hot-melt adhesive or protective product intended for application.

11. Purge thoroughly to ensure that no cleaner remains in the application circuit.

12. Evaluate the adhesive or protective product under actual application conditions. Perform production tests to verify all requirements for the specific application.

PACKAGING AND STORAGE

Packaging: 25 kg bags.
Storage stability: At least 18 months in the original closed bags at room temperature.

PRECAUTIONS

Do not leave the product for prolonged periods above 180 °C. During extended equipment downtime, reduce the equipment temperature by 30–40 °C to prevent carbonisation.

Do not mix with other products. Do not use improperly. Consult the product safety data sheet before use.

TECHNICAL NOTICE

The information is based on knowledge and experience and is indicative only. No express or implied warranty of suitability for any application is given. The customer must evaluate the product under actual application conditions through production and use tests to confirm all requirements, including operator and end-user health and safety. Repeat tests regularly, for each delivery and whenever process conditions, materials or material suppliers change. Handling and use are outside the supplier’s control; the buyer assumes the risk of direct and consequential damage from use, alone or in combination with other materials. For matters not covered here, refer to the applicable general conditions of sale and contact technical support.

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