

Technical Information

Cleaning Agent V 1941-21



Type of product: cleaning agent for polyurethane hot melts and none reactive hot melts.

Field of application: cleaning of melting tanks, pumps, tube- and pipe systems as well as application units including nozzle applicators, specially to remove none cured and cured polyurethane hot melt as well as cracked or charred residues.

Product specification:

Test Method:

Viscosity: 20 - 100 mPa.s at 20 °C

Brookfield, spindle 1 / 20rpm

Flash point: 195 °C

DIN EN ISO 2719

Cleaner V 1941-21 is a trial product, technical data may change.

Processing :

Working Temperature: 120 - 175 °C

Application:

Before cleaning remove adhesive from melting tank, pipes and application systems. Our cleaning agent V 1941-21 should be filled in to cover all parts to be cleaned with the liquid. According to the degree of dirtiness, a cleaning time of one or more hours is necessary. A cleaning time of more than 8 hours should not be exceeded. It is advisable to cover open tanks during the cleaning procedure.

On applicators with a pump system, a better cleaning effect is achieved, when the cleaning agent is regularly circulating after a certain soaking time. Heavy dirt on the adhesive tanks should repeatedly be scrapped off, so that the cleaning agent can penetrate into the deeper deposits. Parts not covered with our cleaning agent can be cleaned if they are brushed several times with the heated cleaning agent. Heavily charred sedimentations have to be cleaned mechanically if necessary, and the tanks should be rinsed again with the cleaning agent.

At the end of the cleaning procedure all tubes, sieves and nozzles have to be flushed thoroughly, in order to remove all loose sedimentation from the system. Equipment with filter has to be rechecked and flushed again if required. Before you start to work, the system should be rinsed for safety reasons with adhesive respectively drain out the first adhesive refill in order to avoid bonding failures due to adhesive mixed with cleaning agent.

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Remarks: At the application temperature of 120 – 175 °C the flash point of 195 °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).

V 1941-21 is emulsifiable in water so that cleaned parts can be washed with water. The boiling point of water (100 °C) is to be observed. Prevent the emerged emulsion from being drained into the sewage.

Disposal: see Safety Data Sheet

Protective Measures: see Safety Data Sheet
According to the presently prevailing regulations, Cleaning Agent V 1941-21 is free of labelling.

**Storage Conditions/
Shelf Life:** In closed original packaging 12 months from date of production without changing product properties.

The information provided herein, especially recommendations for the usage and the application of our products, is based upon our knowledge and experience. Due to different materials used as well as to varying working conditions beyond our control we strictly recommend to carry out intensive trials to test the suitability of our products with regard to the required processes and applications. We do not accept any liability with regard to the above information or with regard to any verbal recommendation, except for cases where we are liable of gross negligence or false intention.
Düsseldorf, June 2006