Application Areas:

MT-CL 720 RollerClean is a low-melting specialized cleaning and flushing powder engineered for cleaning roller applicator units (roller coaters) and neutralizing reactive PUR hot melt adhesive residues.

Specifically formulated for roller applicator units coated with silicone rubber, Viton, or similar elastomer sleeves. Safely cleans, flushes, and passivates unreacted PUR adhesive without degrading or swelling sensitive roller coatings.

Provides outstanding protection during color or adhesive grade transitions, daily shift shutdowns, and extended machine downtime in flat lamination, profile wrapping, and woodworking roller coater lines.

Characteristics & Directions for Use:

Low Softening Temperature & Roller Coating Protection: Softens at approx. 55 °C and liquefies smoothly within the 100 – 120 °C operating range. The low working temperature ensures that sensitive silicone rubber and Viton sleeves are shielded from thermal stress and degradation.

Reactive Isocyanate Passivation: Contains active neutralizing agents that passivate free isocyanate (NCO) groups in reactive PUR hot melts, stopping premature polymerization, gelation, and hard encrustations on doctor rollers.

Clean Flushing & Residue-Free Draining: Evacuates cleanly without leaving oily or inhibiting films that could compromise the bonding performance of fresh reactive PUR hot melt adhesives.

Uniform Powder Consistency: Easy to dose evenly across roller troughs and doctor blades, melting quickly to minimize machine idle times.

Processing Parameters & Operating Conditions:

Process Parameter	Specification / Operating Condition
Recommended Processing Temperature	100 – 120 °C (Maximum 120 °C)
Softening Range	approx. 55 ± 2 °C (Kofler bench)
Physical Appearance & Form	White Powder
Application Method	Roller Trough Loading & Machine Flushing Run
Flushing / Cycle Duration	5 – 15 minutes (Residue thickness dependent)
Maximum Permissible Temperature	120 °C (Do not exceed to protect roller sleeves)

Physical & Technical Specifications:

Technical Parameter	Test Method & Specification Value
Chemical Base	Modified Thermoplastic Flushing Polymer & Passivating Additives
Density (@ 20°C)	approx. 0.96 ± 0.03 g/cm³
Solids Content	100 % (Solvent-Free Solid Powder)
Flash Point	> 220 °C
Odor / Toxicity	Odorless, Non-Toxic, Solvent-Free Solid
Roller Material Compatibility	Fully compatible with Silicone Rubber, Viton, EPDM & Steel Rollers

Performance Ratings & Quality Scores:

Roller Sleeve Protection Rating	**99 / 100**
PUR Passivation & Anti-Gel Score	**98 / 100**
Low-Temp Melting & Fluidity	**96 / 100**
Flushing & Residue Removal Power	**95 / 100**
Operator Safety & Ease of Use	**97 / 100**

Ferhatpasa Mah. 15. Sok. No:88 Atasehir / Istanbul, Turkey
Tel: 0850 532 02 91 | info@mayertutkal.com.tr | www.mayertutkal.com.tr
ISO 9001:2015 / ISO 14001:2015 Certified Quality Management System
Mayer Industrial Adhesive Solutions Inc.

Cleaning & Maintenance:

Scrape molten MT-CL 720 residues from the roller trough using a soft teflon or rubber scraper. Cold solidified exterior deposits can be wiped clean using Mayer Cold Applicator Cleaner (MT-CL 710).

Shelf Life & Storage Conditions:

Store in properly closed original containers in a cool and dry environment (15 – 25 °C). Protect from moisture, direct sunlight, and heat sources. Shelf life is 24 months from manufacture date.

Packaging & Delivery Form:

5 kg Moisture-Barrier Pail / 15 kg Poly-Lined Cardboard Box.

Important Remarks & Legal Disclaimer:

Compatibility between the cleaner and the individual roller coating must be verified prior to initial industrial use.

Ensure all remaining PUR adhesive is extruded completely from the roller unit and reduce temperature below 120 °C before loading MT-CL 720.

The flushing agent must run through the machine and be drained completely before reloading fresh reactive PUR hot melt. Refer to the Operator User Guide for step-by-step procedures.

Mayer Adhesive Engineering & Quality Standards:

Quality Assurance: ISO 9001:2015 certified laboratory quality testing and raw material traceability.

Roller Engineering Advisory: Technical guidance on roller longevity, temperature calibration, and maintenance cycles.

Environmental & Health Safety: 100% solvent-free, non-hazardous, operator-safe formulation.

Ferhatpasa Mah. 15. Sok. No:88 Atasehir / Istanbul, Turkey
Tel: 0850 532 02 91 | info@mayertutkal.com.tr | www.mayertutkal.com.tr