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Covering PU

BOMIX® RELEASE AGENT SOLUTIONS SUSTAINABLE PRODUCTS, WIDE RANGE OF APPLICATIONS

Bomix® Release Agents guarantee an excellent separating effect for the production of PU moulded parts – and offer interesting additional effects. Through the use of *Bomix® Release Agents* alone, effects such as gloss level, visuals and haptic can be realised without a special pretreatment of the mould surfaces. In this area, BOMIX is one of the leading players of innovations for customised and environmentally-friendly product solutions for an exceptionally wide variety of applications. Covering PU; for BOMIX this means high-quality surface refinement and common development of individual solutions for every challenge – economical, sustainable and environmentally conscious.

TECHNOLOGY DESCRIPTION

Bomix® Release Agents are compatible with a range of different applications and can be adapted to the individual PU foam system as well as the coatings and/or In-Mould-Coating systems that are used. All of the current application techniques can be used to apply the product – low-pressure air-mix systems, robots or electrostatics. An easy handling and clean demoulding of the PU components is guaranteed.

PRODUCT CLASSES

Bomix® Release Agents ensure the highest degree of efficiency with low use. This results in a sustainable contribution to the protection of the environment.

Bomix® A-PU-Antiblock: A = Aqua, water-based solutions, available in product versions which contain silicone or are silicone-free

Bomix® PU-LF-Antiblock: LF = solvent-free products containing silicone

Bomix® PU-HS-Antiblock: HS = High Solid, products with reduced VOC values and a high- efficiency, available as solutions that contain silicone or are silicone-free

FIELDS OF APPLICATION

Bomix® Release Agents design the character of substrates and in this way, they create unique components. The solutions are used at numerous manufacturers all over the world. Existing approvals simplify the implementation. Applications include steering wheels, shoe soles, engine covers, chairs/cushions and bumpers. The special attributes offered by *Bomix® Release Agents* are highly valued in the automotive and lifestyle sector, as well as in the health/rehab sector and the building and construction industry. The portfolio also includes product solutions for polyethylene and rubber.

YOUR ADVANTAGES AT A GLANCE

- **Function and design:** Low gloss level values (ultra matt, adjustable) and high-quality haptic
- **Process optimisation:** Exceptionally high-yield and cost efficiency
- **Easy handling:** Wide application range and fast drying
- **Sustainable:** Low VOC value and minimum damage to the environment
- **High processing safety:** Consistent cycle times
- **Customised solutions and universal use**

BRIEF PRODUCT PROFILE

Product examples: Bomix® A-PU-Antiblock 7/F47-7 Bomix® A-PU-Antiblock 6/428-5 Bomix® A-PU-Antiblock 3/699-5 Bomix® A-PU-Antiblock 6/426-5 Bomix® PU-HS-Antiblock 3/696-7 Bomix® PU-HS-Antiblock 3/56907-7 Bomix® PU-HS-Antiblock 4/40407-6 Bomix® PU-LF-Antiblock 200/9200 Bomix® Release Paste 10/820-5	Bomix® Release Agents Integral foam / semi-matt / high compatibility with IMC RIM / R-RIM / silicone-free / water-based Rigid foam / silicone-free Polyester / silicone-free / semi-matt / water-based <i>(suitable for footwear / double density, PU/PU (2 colours))</i> Flexible foam / water-based Filter foam / tin-free Wire harness / high process safety / repeated demoulding PU elastomer / polyethylene / high temperatures Release paste / water-based / silicon free
Field of applications:	A wide variety of foam systems
Special features:	<ul style="list-style-type: none"> • Low gloss level values (up to ultra matt surfaces possible) • High-quality, individual haptic • Easy handling, process-safe • Sustainable, improved working environment and safety, minimum damage to the environment • Temperature- and shear-stability
Approvals:	According to customer-specific testing methods

Technical product questionnaire can be found on www.bomix.com/en/service/download-center

BOMIX CHEMIE GMBH – COVERING PU

ONE SOURCE PARTNER FOR POLYURETHANE SURFACE REFINEMENT

As an experienced system partner, Bomix Chemie GmbH from Telgte near Münster (Germany, North Rhine-Westphalia) offers everything from one single source: in-house development know-how, high-quality and customised products, expert advice and excellent on-site service. Innovative product solutions are developed in close collaboration with the customer and are specifically tailored to individual applications.

“Covering PU“ has determined the companies thinking and actions since 1975. From innovative release agents to multifunctional In-Mould-Coatings and high-quality topcoat systems, Bomix offers a high-performance product range that meets the multifaceted applications of the polyurethane industry. Matching PU pigment preparations and various auxiliaries round off the product range.

Bomix has been part of the Berlac Group’s brand portfolio since 2003. The globally active group of companies develops and produces sophisticated solutions for surface refinement, surface protection and colouring of plastics.