



Covering PU

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BOMIX® RELEASE AGENTS FOR FOOTWEAR CLEAN DEMOULDING, SURFACE DESIGN

Bomix® Release Agents guarantee an excellent separating effect for the production of PU shoe soles – and offer interesting additional effects. Through the use of the *Bomix® Release Agents* alone, effects such as gloss level, visuals and haptic can be realised without a special pre-treatment of the mould surfaces. In this area, BOMIX is one of the leading players of innovations for customised and environmentally-friendly product solutions for the footwear industry. 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 coating 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 = products that are solvent-free, contain 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 soles. The solutions are used at numerous footwear manufacturers all over the world.

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 consumption, low VOC value, improved working environment, 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 6/426-5 Bomix® A-PU-Antiblock 5/428-5 <i>(suited for safety footwear)</i> Bomix® A-PU-Antiblock 3/487-5/X Bomix® PU-LF-Antiblock 5/287-6/X Bomix® PU-HS-Antiblock 5/31303-5 Bomix® PU-HS-Antiblock 6313/63 Bomix® PU-HS-Antiblock 6287/6 Bomix® PU-HS-Antiblock 5/40507-6 Bomix® PU-HS-Antiblock 4/40407-6	Bomix® Release Agents Polyester / silicone-free / semi-matt, water-based / double density / PU/PU (2 colours) Polyester / silicone-free / satin gloss / water-based Polyester/polyether / VOC-free / tin-free / semi-matt Polyester / silicone-free Polyester / PU/PU (2 colours) / concentrate "Ready-to-use" Polyester / satin gloss Polyester / gloss / repeated demoulding / reduced mould build-up Polyester / semi-matt / repeated demoulding / reduced mould build-up
Field of applications:	Shoe soles manufacturer Polyester and polyether foam systems
Special features:	<ul style="list-style-type: none"> • Low gloss level values (ultra matt surfaces) • High-quality, individual haptic • Easy handling, process-safe • Sustainable, improved working environment and safety, minimum damage to the environment • Frost-stable water-based formulations
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.