



Bomix Chemie GmbH  
Gildeweg 6-10 . 48291 Telgte  
Germany  
Phone +49 2504 924-0  
Fax +49 2504 1542  
info@bomix.com  
www.bomix.com

Covering PU

## **BOMIX® AQUA RELEASE AGENTS FOR MOBILITY** **SURFACE DESIGN –** **EFFECTIVE AND SUSTAINABLE**

*Bomix® Aqua Release Agents* guarantee an excellent separating effect for the production of PU moulded parts in the mobility sector – and offer interesting additional effects.

Through the use of the *Bomix® Aqua 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 automotive 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® Aqua 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. They cover an extensive moulding temperature range of 30°C – 200°C. 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 CLASS**

*Bomix® Aqua 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

### **FIELDS OF APPLICATION**

*Bomix® Aqua Release Agents (Bomix® A-PU-Antiblock product series)* design the character of substrates and in this way, they create unique components. The solutions are used at numerous automotive manufacturers all over the world. Existing approvals simplify the implementation. Applications in the automotive industry include steering wheels, engine covers, wire harness, gear knobs, head rests and noise absorbers (EA foam).

### **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, excellent reproducibility
- **Customised solutions and universal use**

## BRIEF PRODUCT PROFILE

<b>Product examples:</b>  Bomix® A-PU-Antiblock 7/B75-6/X <i>(suitable for integral foam with or without IMC)</i> Bomix® A-PU-Antiblock 7/F47-7  Bomix® A-PU-Antiblock 7/C82-6 Bomix® A-PU-Antiblock 7/C88-6 Bomix® A-PU-Antiblock 7/C91-6 Bomix® A-PU-Antiblock 7/C94-6 Bomix® A-PU-Antiblock 7/D20-6 Bomix® A-PU-Antiblock 7/E58-7 Bomix® A-PU-Antiblock 6/428-5 <i>(suitable for engine covers)</i> Bomix® A-PU-Antiblock 7/G10-7 <i>(suitable for head rests)</i>	<b>Bomix® Aqua Release Agents</b>  Semi-matt / unique visuals and haptics  Satin gloss / unique visuals and haptics / Subsequently bondability / laminate and varnishing Satin gloss / tin-free / not classified as hazardous Semi-matt / tin-free / not classified as hazardous Semi-matt / tin-free / VOC-free Gloss / tin-free / VOC-free Semi-matt / unique visuals and haptics / concentrate Gloss / good adhesion in the leather wrapping process Integral foam / silicon free  Flexible foam
<b>Field of applications:</b>	Integral foam and flexible foam systems with or without In-Mould Coating e.g. steering wheels, engine covers and gear knobs, seats, head rests
<b>Special features:</b>	<ul style="list-style-type: none"> <li>• Low gloss level values (ultra matt surfaces)</li> <li>• High-quality, individual haptic</li> <li>• Easy handling, process-safe</li> <li>• Sustainable, improved working environment and safety, minimum damage to the environment</li> <li>• Temperature- and shear-stability</li> <li>• Frost-stable water-based formulations</li> </ul>
<b>Approvals:</b>	Approved by leading automotive suppliers (Tier 1)

Technical product questionnaire can be found on [www.bomix.com/en/service/download-center](http://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.