

## Bladder Release BC-3156

### Description:

Bladder Release BC-3156 is a water-based product, developed to extend the bladder lifetime. By using this product, other production aids for the break-in period of the bladder can be avoided and scrap is reduced. Bladder Release BC-3156 provides excellent lubrication and release between the bladder and the green tire. As a permanent treatment the coating will remain on the bladder surface for the bladder lifetime.

### Application Fields:

Bladder Release BC-3156 has been specifically developed for the tire industry to prepare bladders with a high-grade coating. In combination with our inside lubricants from the IP-series, Bladder Release BC-3156 can increase bladder life even further.

### Application:

Bladder Release BC-3156 is applied onto the hot bladder right after its production. The bladder surface must be free of any kind of residues, to guarantee a full polymerization of the coating with the bladder surface. Only non-transferrable release products are suitable for bladder manufacturing. It is recommended using a release agent from the MK-series. Application temperature on the bladder surface has to be at least be 130 °C to guarantee a proper polymerization of the coating. Higher temperatures accelerate the polymerization. To obtain a homogenous coating, it is recommended to spray the material. An airmix spraying system is sufficient for that application. For the application of Bladder Release BC-3156, a nozzle of 0.5 mm for the spray gun is suitable. Material supply pressure at the spraying unit should be at 0.5-1.0 bar at the maximum. For fogging the pressure should be in a range between 1.5-2.0 bar. After the application, a time has to be respected to guarantee a polymerization of the coating. The time to cool down from process temperature (130°C) to room temperature (20°C) is sufficient to guarantee a proper polymerization.

### Technical Data:

<b>Composition:</b>	aqueous emulsion
<b>Appearance:</b>	white liquid
<b>Density [g/cm<sup>3</sup>]:</b>	approx. 1
<b>pH-value (20°C):</b>	approx. 5

### Packaging:

Can	30 kg
Drum	200 kg

### Storage:

Bladder Release BC-3156 should be stored in tightly sealed containers and has to be protected from frost, heat and direct sunlight. If these rules are obeyed, the product can be stored for at least 6 months. The expiry date is stated beneath the production date on the labels of each container.

### Information for regulations on safety and transportation are provided in the safety data sheet

Product technical information and data is based on the best information available and does not constitute or imply a warranty or patent infringement of any kind. The user is responsible for testing product suitability prior to use in production.

### Further information:

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 Revision: 16.06.2009 FS/ts  
 Print: 26.05.2010