

# Inside Lube IP-7061

## Description:

Inside Lube IP-7061 is a semi-permanent water-based bladder release system for the application on either the bladder or the inside of the green tire. The product does polymerize on the bladder surface and provides the needed release and slip properties for multiple cycles. Inside Lube IP-7061 is free of any pigments or mineral fillers.

## Application Fields:

Inside Lube IP-7061 is suitable for the production of all common types of tires. Industrial applications with large tires (earthmover, truck) show excellent performance.

## Application:

Even though Inside Lube IP-7061 is a stable emulsion, it is recommended to stir the product prior to usage as sedimentation may occur during storage. For an initial treatment it is recommended to treat the bladder surface. This can be done right after manufacturing of the bladder by spraying Inside Lube IP-7061 to the surface of the bladder. Prior to the treatment it has to be ensured that no residues of process aids (e.g. waxes, silicones,...) are left on the bladders surface to guarantee a proper bonding. If the treatment is done to the hot surface (process temperature 160-180°C), the coating will polymerize immediately and no drying time has to be respected after the application. The coating can be applied to the bladder at room temperature as well. The application technique can vary from spraying to wiping. Spraying is recommended as the application results in the most homogeneous surface quality possible. After the application the initial coating will need 20 minutes at tire processing temperature (min. 130 °C) to fully polymerize. To refresh the coating a single treatment on either the surface of the bladder or on the inside of the green tire is sufficient. The application technique can vary from spraying to wiping, here as well. After installation of the bladder to the curing press the production can be started without any other lubricants. Usually it is sufficient to re-treat the bladder once every 15 to 30 cycles. The individual frequency for the refreshment of the coating is to be determined in trials.

## Technical Data:

<b>Composition:</b>	Water-based emulsion
<b>Appearance:</b>	white liquid
<b>Density [g/cm<sup>3</sup>]:</b>	approx. 1
<b>pH-value (20°C):</b>	approx. 8

## Packaging:

Can	30 kg
Drum	200 kg

## Storage:

Inside Lube IP-7061 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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Viernheimer Str. 70-76  
 D-69469 Weinheim  
 Postfach 10 07 29  
 D-69447 Weinheim

Geschäftsführer: Wilhelm Münch  
 Amtsgericht Mannheim HRB 431102

Tel +49 (0)6201/99 83-0  
 Fax +49 (0)6201/99 83-66  
 info@muench-chemie.com  
 www.muench-chemie.com

USt.-IDNr. DE 144497299  
 Steuer-Nr. 47020/10016

### Bankverbindungen Weinheim:

Deutsche Bank AG  
 BLZ 670 700 24  
 Kto. 586 896 300  
 Swift Code/BIC: DEUT DE DB 670  
 IBAN: DE84 6707 0024 0586 8963 00

Volksbank eG  
 BLZ 670 923 00  
 Kto. 1 078 801  
 Swift Code/BIC: GENO DE 61 WNM  
 IBAN: DE40 6709 2300 0001 0788 01