

# Technical Data Sheet



## DBC-805

## Curing Bladder Coating

Function	Semi-permanent treatment of bladders for passenger car tire and truck tire production.	
Product description	Composition:	water-based emulsion of reactive silicon-polymer
	Appearance:	white, cloudy suspension
	Density, 20 °C:	approx. 1.0 g/cm <sup>3</sup>
	Total solids:	approx. 16 %
	Physiological properties:	see safety data sheet
Mode of action:	The water based bladder lubricant DBC-805 is a semi-permanent bladder coating and does not contain any inflammable solvents. The bladder treatment described replaces the conventional spraying of internal tire paints. If highest bladder life is the goal both the use of DBC-805 and the additional use of a filler-free internal paint is recommended.	
Processing:	DBC-805 is ready to use. Only shaking of the can or stirring before use is necessary. If the bladder is contaminated with oil, dirt or bloom it should be cleaned with soap water or heptane. The product can be applied by a spraying process with both airless or air atomizing systems or by brush or sponge DBC-805 contains reactive ingredients. Keep the product away from sparks and/or flame. During storage and application of the product small amounts of hydrogen gas are evolved. Therefore the containers are equipped with a pressure valve. The storage area must be well ventilated.	
Dosage:	The amount needed for coating of bladders depends on the bladder size. Please contact our technical service for detailed information.	
Application:	DBC-805 is suitable for both passenger car tire and truck tire production. For best results 2 to 3 coats of DBC-805 are applied onto the cold bladder. After mounting the bladder in the press it can be recoated either through the green tire or directly in the press. The recoating intervals are very much dependent on tire typ and plant infrastructure. The combined use of LNS-1216 as a base coat and DBC-805 as a recoat also gives excellent results. The viscosity of DBC-805 is adjusted to the spraying process to prevent drop forming. For more detailed information please contact our technical service.	
Packing	25 kg/cans. OR 50 kg/cans	
Storage stability	In original closed containers under cool and dry conditions the shelf life is 6 months from date of manufacture. Good air ventilation is mandatory and open	

fires have to be avoided. Please note that the containers are equipped with pressure valves that are not allowed to get blocked or sealed.

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Handling	Consult material safety data sheet (MSDS) for additional handling information on DBC-805.
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With respect to production sites in all world regions technical data sheets may vary in details among regions. For regional versions would you please contact your local sales representative.

The indicated data are not to be considered as specifications. ® = registered trade mark

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