

# Technical Data Sheet



## LNS-5026

## Mold Release Agent

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
	P H	5.5-.85
	Effective content:	1.5-.2.5%
	Physiological properties:	see safety data sheet
Mode of action:	LNS-5026 is an aqueous release agent that can form a uniform and fine film on the mold. Although the film is very thin, it can withstand temperature up to 300°C without decomposition after cross-linking effective The mold release agent LNS-5026 have good chemical bonding with most mold materials, so the isolation effect will increase exponentially.	
Processing:	The mold release agent LNS-5026 will not be transferred to the molded article, so the molded article can go directly to the next process without the need for coating or Gluing. After the mold release agent LNS-5026 is used, the accumulation of pigment, anti-aging agent, and resin residue on the mold will be significantly reduced. If the mold release agent LNS-5026 directly used, this residual accumulation cannot occur.	
Dosage:	The amount needed for mold release depends on the molds size. Please contact our technical service for detailed information.	
Application:	Mold release agent LNS-5026 can be miscible with water (soft water, condensed water, distilled water) in any ratio. When used, it is best to spray on the surface of the mold with a spray gun. The temperature of the mold should be relatively high to ensure rapid evaporation of moisture and accelerate the formation of thin films. Mold release agent LNS-5026 is a semi-permanent release agent that can be sprayed at intervals. The number of release times for one spray application is directly affected by the application conditions and must be determined by tests. LNS-1216 as a base coat and LNS-5026 as a recoat also gives excellent results. The viscosity of LNS-5026 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 LNS-5026.

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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products supplied by us as to their suitability for the intended processes and uses. The application, use and processing of the products are beyond our control and, therefore, ent- rely your own responsibility. Should, in spite of this,

liability be established for any damage, it will be limited to the value of the goods delivered by us and used by you. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery.