

Rhenodiv® SP-289

Release Agents

Function

Rhenodiv SP-289 is a water-based, durable unfilled lubricant and a release coating for tire curing bladders.

Product description

Composition:	aqueous formulation of crosslinkable silicone polymers
Appearance:	milky white liquid
Total solids:	50 %
Viscosity 25 °C Brookfield RV (Sp. 2, 50 rpm): DIN Cup (3 mm):	25 mPa.s 24 s
Physiological properties:	see safety data sheet

Use

Mode of action:	<p>Rhenodiv SP-289 provides effective release properties and excellent slip leading to increased productivity. Rhenodiv SP-289 is a versatile release agent for different areas of application:</p> <ul style="list-style-type: none">- Semi-permanent/multiple release agent: Based on its special chemistry, Rhenodiv SP-289 allows for the multiple release of several untreated tires.- Start-up coating: Rhenodiv SP-289 can be used as a start-up coating for new curing bladders.- Bladder coating: Used as a bladder coating for new bladders, Rhenodiv SP-289 can prolong bladder life.
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Processing:	<p>Rhenodiv SP-289 needs to be homogenized before use. It is recommended to clean new bladders with aliphatic hydrocarbons to remove exuded process oils before use. Rhenodiv SP-289 can be applied by spraying, sponging, or brushing. When the job is finished, the equipment used can be cleaned with water. Sticky polymeric residues can be easily removed with aliphatic hydrocarbons. New bladders are coated with Rhenodiv SP-289 24 hours before installation.</p>
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Applications

semi-permanent/multiple release agent for green tires and bladder coating

Packing

25 kg jerry cans on 200 kg pallet, 50 kg plastic drums on 300 kg pallets, 950 kg IBC (Schuetz)

Handling instructions

Rhenodiv SP-289 contains reactive silicone groups, releasing small amounts of hydrogen gas at room temperature. The safety cap prevents the build up of excess pressure. Therefore, Rhenodiv SP-289 should be stored in the original containers only and in need to be well ventilated storage rooms. Since the release of hydrogen gas is catalyzed by alkaline or acidic contaminants or by heavy metal salts, contamination by rust, alkaline, or acidic substances should be avoided. Do not store or process Rhenodiv SP-289 in metal containers. Do not ship by air.

Storage stability

Recommended storage temperature: 5 - 50 °C. When stored in original unopened containers 12 months from date of production.

Handling

Please consult material safety data sheet for additional handling information concerning Rhenodiv SP-289.

The indicated data are not to be considered as specifications.

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