

Rhenodiv® SP-2893

Release Agents

Function

Water-based, unfilled, multiple-release lubricant for tire curing bladders

Product description

Composition:	aqueous formulation of crosslinkable silicones
Appearance:	milky white liquid
Total solids:	50 %
Viscosity 25 °C Brookfield RV (Sp. 2, 50 rpm): DIN Cup (3 mm):	250 mPa.s 60 s
Physiological properties:	see safety data sheet

Use

Mode of action: Rhenodiv SP-2893 provides effective release properties and excellent slip leading to increased productivity. Rhenodiv SP-2893 is a versatile release agent for different areas of application:

- Semi-permanent/multiple release agent: Based on its special chemistry, Rhenodiv SP-2893 allows for the multiple release of several untreated tires.
- Start-up coating: Rhenodiv SP-2893 can be used as a start-up coating for new curing bladders.
- Bladder coating: Used as a bladder coating for new bladders, Rhenodiv SP-2893 can prolong bladder life.

Processing: Rhenodiv SP-2893 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-2893 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.

- Semi-permanent/multiple release agent: Rhenodiv SP-2893 can be applied directly onto the bladder surface or onto the inner liner of a green tire from which it is transferred to the curing bladder
- Start-up coating: Rhenodiv SP-2893 is applied directly onto the surface of a new bladder, in addition to the regular release agents
- Bladder coating: New bladders are coated with Rhenodiv SP-2893 24 hours before installation

Applications

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

Packing

25 kg, 50 kg, 200 kg drums, 950 kg IBC

Handling instructions

Rhenodiv SP-2893 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-2893 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-2893 in metal containers. Do not ship by air.

Storage stability

Recommended storage temperature: >2°C - <50 °C. When stored in the original unopened containers under recommended storage conditions 12 months from date of production.

Handling

Please consult material safety data sheet for additional handling information on Rhenodiv SP-2893.

The indicated data are not to be considered as specifications.

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