

SILBIONE® CAF 72589

Food release

Description	<p>A one component silicone elastomer, curing at room temperature on contact with atmospheric humidity, used to treat natural or sealed bottle corks.</p> <p>SILBIONE CAF 72589 is a solventless product based on reactive polymethyl siloxane oils and inert fillers. It can be used as a release coating for materials intended for food contact.</p>
Advantages	<ul style="list-style-type: none"> • Specially designed formulation to give very thin layer coatings without dilution • Does not contain solvents • Easy to process • May be sprayed on • Very good lubrication of corks • Excellent liquid-tightness after corking • Does not alter the organoleptic properties of liquids with which it comes into contact • Harmless to the organism
Characteristics	<p>Appearance.....Fluid paste</p> <p>Colouringtranslucent, colourless</p> <p>Odour.....acetic</p> <p>Dynamic viscosity, at 25 °C, Pa.s, approx.7.0</p> <p>Dry matter content, %,100</p> <p>Flash point (closed cup) °C> 150</p>
Mechanical properties	<p>Mechanical properties on a 2 mm thick film after drying for 7 days at 23 °C and 50 % relative humidity.</p> <p>Shore A hardness, points, approx..... 15</p> <p>Tensile strength, MPa., approx.0.60</p> <p>Elongation at break, %, approx.250</p> <p>Modulus at 100 %, MPa, approx.0.30</p>
Processing	<p>Processing is performed easily in a horizontally rotating drum, proceeding in the following manner: (for information purposes only)</p> <ul style="list-style-type: none"> • Dust removal from the corks by tumbling for around 10 minutes; dust is extracted • Adding of SILBIONE CAF 72589 (manually or sprayed) • Dosage : 120 to 150 g for 10,000 corks sized 45x24 (natural cork) • Tumble in the drum for 20 minutes. It is recommended to work in a workshop at a room temperature of 20-25 °C and a relative humidity of around 50 %. • Air drying or storage in perforated plastic bags • Conditioning for at least 24 hours before delivering <p>If the corks have been subjected to a prior treatment to lubrication (for example bleaching, tinting, waxing, ...), the user must ensure that there is no incompatibility</p>

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between residues of this prior treatment and the **SILBIONE CAF 72589**, which could cause problems of adhesion or lubrication.

Packaging **SILBIONE CAF 72589** is delivered in 1 litre and 25 kg tins, fully opening with plug and bleeder hole.

Storage and shelf life When stored in its original unopened packaging at a temperature of between + 2 °C and + 30 °C, **SILBIONE CAF 72589** should be used within 18 months of its date of manufacture. It must be used before the expiry date marked on the packaging.


Past this date Bluestar Silicones no longer guarantees that the product meets the sales specifications.

Safety Consult the Safety Data Sheet for **SILBIONE CAF 72589**.

Visit our website www.bluestarsilicones.com

 **EUROPE**


Bluestar Silicones
France
21 Avenue Georges
Pompidou
F69486 Lyon Cedex 03
FRANCE
Tel. (33) 4 72 13 19 00
Fax (33) 4 72 13 19 88

 **NORTH AMERICA**

Bluestar Silicones USA
2 Tower Center
Boulevard
Suite 1601
East Brunswick, NJ
08816-1100
United States
Tel. (1) 732 227-2060
Fax. (1) 732 249-7000

 **LATIN AMERICA**

Bluestar Silicones
Brazil Ltda.
Av. Maria Coelho
Aguiar, 215
Bloco G – 1º andar
05804-902-Sao Paulo –
SP- Brazil
Tel. (55) 11 37477887

 **ASIA PACIFIC**

Bluestar Silicones
Hong Kong
Trading Co. Ltd
29th Floor, 88 Hing
Fat Street
Causeway Bay
Hong Kong
Tel. (852) 3106 8200
Fax (852) 2979 0241

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