SILBIONE[®] CAF[®] 72589

Food Contact

Description

SILBIONE CAF 72589 is a one component silicone elastomer, curing at room temperature on contact with atmospheric humidity, used to treat natural or agglomerated bottle corks. **SILBIONE CAF 72589** is a solventless product based on reactive polymethyl siloxane oils

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.

Advantages

- 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

Appearance	Fluid paste
Colouring	translucent, colourless
Odour	acetic
Dynamic viscosity, at 25 °C, Pa.s, approx	7
Dry matter content, %	100
Flash point (closed cup), °C	> 150

Mechanical properties

Mechanical properties on a 2 mm thick film after drying for 7 days at 23 °C and 50 % relative humidity

Shore A hardness, points, approx.	15
Tensile strength, MPa., approx	
Elongation at break, %., approx	
Modulus at 100 %, MPa, approx	

Processing

Processing is performed easily in a horizontally rotating drum, proceeding in the following manner (for information purposes only):

- Dust removal from the corks by tumbling for around 10 minutes; dust is extracted.
- Adding of SILBIONE CAF 72589 (manually or sprayed).
- Dosage (for information purposes): 180 g to 270 g for 10000 corks sized 48x30.5 (agglomerated 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.

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



SILBIONE® CAF® 72589

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 packaging at a temperature of between +2°C and +30°C, SILBIONE CAF 72589 may be stored for up to 18 months from its date of manufacture. Comply with the storage instructions and expiry date marked on the packaging. Beyond 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



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



A LATIN AMERICA

Bluestar Silicones Brazil Ltda. Av. Maria Coelho Aguiar, 215 Bloco G - 1°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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