

SILBIONE CAF 72589

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 and inert fillers. It can be used as a release coating for materials intended for food contact.

Examples of applications Please consult your local ELKEM SILICONES sales office.

- Key benefits**
- 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.

Typical properties	Properties	
	Appearance	Fluid paste
	Colour	translucent, colourless
	Odour	acetic
	Dynamic viscosity (at 25°C, Pa.s, approx.)	7
	Dry matter content, %	100
	Flash point, (°C, approx.)	> 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, approx.	15
Tensile strength, MPa approx.	0.6
Elongation at break, %, approx.	220
Modulus at 100 %, MPa, approx.	0.3

Please note: The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications.

- Instruction of use** 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,

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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.

Regulation Extensive toxicology testing on SILBIONE® products has demonstrated their adequate biocompatibility and suitability for the recommended applications. SILBIONE CAF 72589 satisfies regulatory requirement in several countries and complies with a number of medical and pharmaceutical regulations. Contact Elkem Silicones for more detailed information.

Limitations

Packaging

- SILBIONE CAF 72589 is available in
 - Piece of 1 KG (2.21 LB)
 - Pail of 25 KG (55.13 LB)

Storage and shelf life When stored in its original packaging:
SILBIONE CAF 72589 may be stored at temperatures between 2°C / 36°F and 30°C / 86°F for up to 18 months from its date of manufacturing.
Comply with the storage instructions and expiration date marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.

Safety Please consult the Safety Data Sheet of:
SILBIONE CAF 72589

Visit our website www.elkem.com/silicones/

Warning to the users

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our products. ELKEM SILICONES guarantees that its products comply with its sales specifications. This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for given use. Determination of the suitability of product for the uses and applications contemplated by users and others shall be the sole responsibility of users. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of this document and ELKEM SILICONES is at their disposal to supply any additional information.