

SILBIONE® DISPERSION CAF 70004**Food release****Description**

A one component silicone elastomer, curing at room temperature on contact with atmospheric humidity, used to treat agglomerated bottle corks and especially champagne corks.

SILBIONE DISPERSION CAF 70004 is a 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
- 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	whitish
Odour.	acetic
Dynamic viscosity, at 25 °C, Pa.s, approx.	7.0
Dry matter content, %, approx.	73
Flash point (closed cup) °C	< 0

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.	30
Tensile strength, MPa., approx.	3
Elongation at break, %, approx.	250

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 DISPERSION CAF 70004** (manually or sprayed)
- Dosage: 180 to 190 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

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- 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 DISPERSION CAF 70004**, which could cause problems of adhesion or lubrication.

Packaging

SILBIONE DISPERSION CAF 70004 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 DISPERSION CAF 70004** 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 DISPERSION CAF 70004**.

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