

SILBIONE DISPERSION CAF 70004

Description	<p>SILBIONE DISPERSION CAF 70004 is a one component silicone elastomer. The product cures at room temperature on contact with atmospheric humidity. It is recommended for use as surface treatment of agglomerated cork stoppers and is homologated for use on champagne bottle corks.</p> <p>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.</p>
Examples of applications	Surface treatment for wine and Champagne corks, providing durable slip as well as liquid and gas tightness.
Key benefits	<ul style="list-style-type: none"> • Formulation specially designed to provide a very thin layer coating without dilution. • Easy to process. • Can be sprayed on. • Very good surface lubrication of cork stoppers. • Provides excellent liquid and gas tightness after corking. • Does not alter the organoleptic properties of liquids it comes into contact with. • Harmless to the organism.

Typical properties	<i>Properties</i>	SILBIONE DISPERSION CAF 70004
	Appearance	Fluid paste
	Colour	Whitish
	odour	Acetic
	Dynamic viscosity (At 25°C, Pa.s, approx.)	7
	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

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	<p>It is recommended to stir the product before use (25 kg and 185 kg packaging). Processing is typically performed in a perforated horizontally rotating drum. Proceed in the following manner (<u>for information purposes only</u>):</p> <ul style="list-style-type: none"> • Fill the drum with the amount of cork stoppers to be treated. • Proceed to a dust removal from the corks by tumbling for around 10 minutes. Use gas flow for dust extraction. • Add SILBIONE DISPERSION CAF 70004 (by liquid injection or spray). • Dosage: 250 to 500 g for 10,000 corks sized 48 x 30,5 (agglomerated cork). • Tumble product and cork stoppers in the drum for 20 minutes. It is recommended to work at room temperature (20-25°C) and at a relative humidity of around 50%. • Air dry before packaging in sealed bags, or store the treated corks in perforated plastic bags. • Condition the treated corks for at least 24 hours before delivery.
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If the corks have been subjected to a treatment prior 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.

Regulation	Extensive toxicology testing on SILBIONE® products has demonstrated their adequate biocompatibility and suitability for the recommended applications. SILBIONE DISPERSION CAF 70004 satisfies regulatory requirement in several countries and complies with a number of medical and pharmaceutical regulations. Contact Elkem Silicones for more detailed information.
Limitations	Please consult your local ELKEM SILICONES sales office.
Packaging	<ul style="list-style-type: none">• SILBIONE DISPERSION CAF 70004 is available in<ul style="list-style-type: none">○ Drum of 25 KG (55.13 LB)○ Carton of 12 KG (26.46 LB)○ Drum of 185 KG (407.93 LB)
Storage and shelf life	When stored in its original packaging: SILBIONE DISPERSION CAF 70004 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 DISPERSION CAF 70004

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.