Egyptian British Co.
Specialty Chemicals & auxiliaries

Technical Data Sheet

Liquid Resins and Carpet Additives

EBCA SOFT B

Edition 6-2025

Amino-functional silicone elastomeric micro emulsion recommended for the permanent finishing of synthetic and natural fibers and their blends. The product is eco-friendly

SUPPLY SPECIFICATIONS

• Chemical Compostion	Micro emulsion of amino functional silicone oil
• Appearance	Clear pale yellow to colorless liquid
• Active content	35 ±1
• Specific gravity at 50 ˚C	1.02 kg/l
• Ionic Nature	Non-ionic
• Ionic Nature	3-5
•Solubility	Miscible with cold water in all proportions
• Compatibility	Compatible with any other auxiliaries

*These Properties are typical but do not conistitute specification.

PROPERTIES

•Provide a very pleasant surface smoothness. •Due to its small particle size, it penetrates deep inside textile fibers to give a soft handle with a typical "inner softness"
•Improves wash and wear properties.
•Improves the sewing ability of the finished goods.
•Improves stretch and crease recovery of knit goods.
•Improves tear strength and abrasion resistance.
•Excellent durability to washing and dry cleaning.
•Suitable for white and dyed goods.Can reduce the cost of a finish formulation due to its effectiveness at low Application levels.
•Has no impact on the environment.

APPLICATIONS

• Precautions:
1- Start with clean mixing tank, delivery lines, pad box and rollers
2- Dilute the emulsion with cold water only.
3- Do not use a high shear stirrer when making finishing liquor
4- The pH must always be below 7 (preferably 5-6) in the pad bath to obtain max softness and help bath stability.
5- Be sure that the goods before finishing are rinsed thoroughly and adjust the alkaline fabrics to a weakly acid pH
• Application rate:
The product is suitable for application by most methods e.g padding and exhaustion
1- Padding:5-10 g/l
2- Exhaustion: 1-2 % based on weight of goods
To achieve maximum exhaustion the bath pH is adjusted to
pH 5-5.5 at 20 – 40 0C for 15-20 minutes.

STORAGE - SHELF LIFE

•This product has a shelf life of 12 months in the original closed container at temperature between 5˚C, 30˚C. Once container have been opened, the contents should be used directly, container should be closed tightly after use.
•The TD ascertained by our quality control laboratory at the time of product release may vary according to the storage time and storage conditions and may deviate from the stated limits.
•Precautions must be taken to keep away from the moisture. Generally it should be stored in a tank that has dry air.

PACKAGING

125, 160, 180, 1000 Kgs plastic drums.

These suggestions and data based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

Egyptian British Company maintains Material Safety Data sheets (MSDS) on all of its products. These contain important information that you may need to protect your employees and customers against any known health and safety hazards associated with our products. We recommend you obtain copies of MSDS for our products from our technical representative. In addition, we recommend you obtain copies of MSDS from your suppliers of other raw materials used with our products.

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