



Silicone emulsion SE 10-01 (70%)

Product for protection and release coating of metal, glass, rubber and plastic.

Characteristics

Emulsion SE 10-01 (70%) – 70% water emulsion of polymethylsiloxane liquid.

Features

- Belongs to a class of monodisperse highly concentrated emulsions;
- Diluted with water in all proportions;
- Antistatic;
- Low flowable, chemically inert to structural materials;
- Explosion-proof and chemically inert;
- Forms on the treated surface crosslinked polymer layer - ultrathin, durable, elastic film operable to +200 °C.

Applications

- as release agent for lubrication of molds in the tire industry, in the manufacture of rubber products, rubber and plastic;
- as the release (anti adhesion) agent in foundry and in the manufacture of thermoplastics.
- as the release agent in foundry;
- in printing industry;
- as a component in the automotive and furniture polishes to provide gloss;
- for lubrication of conveyor belts;
- in the textile industry for the lubrication of sewing needles and as a lubricant in the manufacture of fibers, yarns and knitted fabric;

Methods of application

The emulsion SE 10-01 (70%) is applied on dry, clean surface with a brush, roller or sprayer leaving no excess material and drops.

Before application the emulsion is diluted with water to concentration 10%.

Always test the selected concentration on the trial sample to determine the optimal amount of material and the suitability for use in a particular case.

Storage

Store at a temperature from +5°C to +30°C in original containers in cool, dry, well-ventilated place, protected from moisture and direct sunlight, away from heaters, also tanks with strong oxidants agents. Guaranteed shelf life in original container is 12 months.

Storage over the date specified on the label does not necessarily mean the product is unusable. In case, if store more, please, check the properties of product before use.

Packing

- polymer canisters up to 25 dm³;
- polyethylene drums up to 50 dm³;
- combined barrels / steel-polyethylene / 200 dm³;
- barrels polyethylene up to 220 dm³;
- special polymer containers up to 1 m³.

Safety instructions

Please see detailed instructions in the relevant product safety data sheet, which can be provided upon request.

Technical characteristics

| NAME OF PARAMETER AND UNIT OF MEASURE | STANDARD |
|---------------------------------------|--|
| Appearance | Homogeneous liquid free of mechanical impurities |
| Mass content of solid silicon, % | 25 - 28 |
| pH of water extract | 6.0 – 7.5 |
| Stability at dilution, min | 24 |

To obtain more information please contact your nearest representative office of Silkor Ltd.

LIMITED WARRANTY INFORMATION

PLEASE READ CAREFULLY

The information contained herein is accurate, but it does not relieve the customer from the control of each batch of products supplied. Since the conditions and methods of use of our products are beyond our control, the recommendations contained in this document should be updated by the client providing preliminary tests. Recommendations for use should not be construed as a guarantee of product suitability for a particular purpose.

Silkor Ltd only guarantees that the product meets its specifications in effect at the time of delivery.