

Unisil SE 10-01

Product for separating release surface treatment of metals, glass, rubber, plastic

Description

Unisil SE 10-01 – emulsion of polydimethylsiloxane in water.

Features

- Diluted with water in all proportions;
- antistatic;
- low flowable, chemically inert to structural materials;
- explosion-proof and chemically inert;
- heat-resistant, used at temperatures up to 200 °C.

Storage

Store in closed original containers of the manufacturer at temperature from 5 °C to 30 °C. Store in a dry, cool, well-ventilated place, away from sources of ignition and high temperatures. Protect from direct sunlight and freezing. Store away from strong oxidizers.

The shelf life in original container is 12 months.

When selecting a product, do not allow it to be kept in an open container for a long time. After partial withdrawal of the product, the container should be hermetically sealed.

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.

Safety instructions

Detailed instructions are given in the relevant product safety data sheet. It can be provided upon request from the Unisil Hungary Kft or printed from the website Unisil Hungary Kft www.unisil.eu.

Applications

- Release lubrication of molds in the tire industry, in the production of rubber goods, rubber and plastics;
- release agent in foundry;
- in printing industry;
- component in car and furniture polishes to ensure gloss;
- for lubrication of conveyor belts;
- processing of glass containers;
- in car services - reduces efforts when mounting and dismounting tires; prevents the tire from sticking to the rim of the disc; keeps the tire carcass from harmful deformations;
- in the textile industry for the lubrication of sewing needles and as a lubricant in the manufacture of fibers, yarns and knitted fabric.

Application methods

The emulsion Unisil SE 10-01 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.

Packing

- Polymer canisters 20 dm³;
- polymer capacities up to 100 dm³;
- plastic drums – 200 or 275 dm³;
- polypropylene container - 1 m³.

Product specification

Appearance	Homogeneous white liquid without mechanical impurities
Mass content of silicon, %	25 - 28
pH of water extract	6,0 - 7,5
Stability at dilution, at least, hours	24

For more information you can request from your representative of Unisil Hungary Kft.

LIMITED WARRANTY

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. Unisil Hungary Kft warrants only that the product meets its specifications in effect at the time of delivery.