



## Emulsion MSE 50/43

### Emulsion of mineral and silicone oils for dedusting and water repellent treatment

#### Characteristics

Emulsion MSE 50/43 – solvent-free aqueous emulsion of oligo dimethyl hydroxy siloxane and mineral oil.

#### Features

- Prevents the formation of fine dust during mineral wool production, thus improving the working conditions of the production staff.
  - Reduces the water absorption of mineral wool insulation, which improves their performance characteristics.
  - Accelerates and facilitates installation of treated materials.
  - Reduces the harmful effects of dust on the human body during contact with mineral wool.
  - Increases elasticity of insulation boards;
- has high stability during the storage and also upon dilution with water.

#### Applications

Used for dust control and water repellency treatment of mineral wool products based on basalt and glass.

#### Methods of application

Emulsion MSE 50/43 is applied by spraying together with binder and other additives.

Reprocessing of products after curing of the emulsion is not recommended.

The amount of applied emulsion MSE 50/43 depends on the desired properties of the end product, so no general advice can be given.

To determine the optimal amount please provide individual tests. Normally, the sufficient amount of emulsion is (0,6 - 1,2)% by weight of dry fibrous material.

#### Precautions for use

As the shelf life of various mixtures depends on the content of binder and additives, no general advice on their compatibility can be given.

Always test the selected concentration of emulsion MSE 50/43 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 +40°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 6 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.

#### Packing

- polymer canisters up to 25 dm<sup>3</sup>;
- polyethylene drums up to 50 dm<sup>3</sup>;
- combined barrels / steel-polyethylene / 200 dm<sup>3</sup>;
- barrels polyethylene up to 220 dm<sup>3</sup>;
- special polymer containers up to 1 m<sup>3</sup>.

#### 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, color is not
Mass content of solids, %, min	48
Time of outflow at a temperature of $(20 \pm 2)^{\circ}\text{C}$ ,s, measuring cup with an opening for outflow of 4 mm in diameter	30 - 150
Stability on dilution, hours, min	24
Mass content of silicon,%, min	4

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.