

SEDANGLAS TECHNICAL

USE:

Cold-end glass container coating

Ideal for:

- Thin-walled glass containers (non-returnable bottles/jars).
- Returnable glass containers
- Food storage jars for hot food or for refrigeration.
- Glass containers subject to extreme wear and to degradation during the filling process
- Glass containers used for pasteurisation or sterilisation.
- Pharmaceutical products glass containers

BENEFITS:

- Enhances lubrication and scratch resistance at the recommended application temperatures.
- Excellent performance during transportation and extreme handling conditions.
- The high-quality material reduces staining to a minimum.

PROPERTIES:

- Maximum scratch resistance during dry or wet filling processes that may damage conventional glass containers due to high pressure or knocks.
- Excellent smoothness when wet after several treatments with alkaline solutions and after sterilisation and /or pasteurisation processes.
- Affords excellent protection during transportation.
- Reduces glass fracturing during the filling process and transportation.

APPLICATION CONDITIONS:

To achieve optimum results, apply SEDANGLAS diluted in water with an automatic spray mechanism. Suitable for use on glass container surfaces over a layer of tin oxide of 30 to 45 CTUs, at temperatures of 90°C to 140°C. Ideally, the temperature should be above 100°C.

If applied correctly, the protective layer should be almost invisible.

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Diluted solution ratio should range from 1:100 to 2:100. A dilution ratio of 2:100 is generally recommended to optimise its scratch resistance properties.
Diluting the product with de-ionised water is preferable to using tap water. The shelf life of the diluted solution depends on the quality of the water.

SPECIFICATIONS:

Active ingredient: Mix of C12-C18 fatty and unsaturated acids and non-ionic surfactants

Appearance: Cream coloured milky emulsion.

Solid content: ~ 22%

Weight: 1.00 ~ 1.03 g / cm³ (20 ° C) pH: 8~ 10

LABELLING COMPATIBILITY

SEDANGLAS is suitable for use on labels that contain casein, synthetic adhesives and starch.

It is also suitable for use with self-adhesive labels.

STORAGE:

Store in its original container, which should be tightly closed, and keep away from direct sunlight.

To maintain the product's properties in optimum condition, store at temperatures of between 5°C and 45°C.

SEDANGLAS should be protected from freezing temperatures during transportation and storage. If stored at a moderate temperature in closed containers it will remain stable for approximately one year.

For longer storage periods, (over 12 months), check the condition of the product before use.

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REMOVAL AND SAFETY:

Consult the product's FDS.

The information and advice shown on this technical datasheet is based on our most recent knowledge about the product. We do not assume liability for any other information, advice or other uses that may result in problems, unless an agreement exists between both parties.