



TEGOGLAS® T 5

For Cold-End Coating of Glass Containers

TEGOGLAS® T 5 is an aqueous solution used as a surface coating for hollow glassware for glass temperatures between 60 - 120°C.

TEGOGLAS® T 5 is particularly suited for the following types of containers:

- Containers in filling plants, requiring only a moderate or very low surface smoothness

Properties:

- Provides a short-term transport protection, and a trouble-free conveying of coated glass containers in the glass works, during in-line sorting, testing, and packaging
- Can be easily removed from glass surface

Application:

After dilution, the aqueous TEGOGLAS® T 5 is sprayed on glass surface at the cold-end by means of vaporizing nozzles. Spraying nozzles should have an adjustable flat spraying angle, a diameter between 0.7 and 1.0 mm, an atomizing pressure of 4 – 6 bar, and a material flow control. The pre-compression of the product should be ~1 bar.

Application concentration and working temperature:

TEGOGLAS® T 5 is diluted with water in the ratio of 1 : 100. The basis for optimum performance of the cold-end coating is a hot-end coating with a tin oxide layer between 20 and 40 Ctus. The temperature of the glass surface should be 60 - 120°C; do not exceed temperatures of 150°C., as the glass surface has tendency to crack due to rapid heat reduction during spraying.

Application area:

TEGOGLAS® T 5 is especially suitable for containers with a requirement for high smoothness and pharmaceuticals. It is also suitable for containers with a high requirement of dry scratch resistance. And is not suitable for containers with a high requirement of wet scratch resistance or high resistance to washing and sterilization.

Compatibility:

TEGOGLAS® T5 is highly suitable for labels comprised of Casein, Synthetic, or Starch. And is not suitable for Dextrine-based or Self-Adhesive labels.

Product Data:

Active Ingredient: special surfactant
Appearance: colorless to yellow liquid
Solid material content: ~ 20%
Specific weight: 1.0 g/cm³ (20 °C)

Storage:

Store in closed containers at room temperature (20°C); product has a shelf life of 1 year at these conditions.

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Arkema Inc. expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein constitutes a license under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.

See MSDS for Health & Safety Considerations
© 2004 Arkema Inc. All rights reserved.



Arkema Inc
2000 Market Street
215-419-7000
Philadelphia, PA 19103
www.arkemagroup.com



Dispatch:

Packaging	Height (mm)	Depth (mm)	Width (mm)	Gross Weight (kg)	Net Weight (Kg)
60 L Plastic Cans	600	320	400	63.0	60.0

Disposal:

Comply with all federal, state, and local regulations regarding disposal of this material. Dispose of in a permitted waste management facility. Determine waste classification prior to time of disposal and per 40 CFR 261 and dispose of accordingly. Transportation, storage, handling, processing, and use may alter the applicability of the information contained in this document.

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Arkema Inc. expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement.

See MSDS for Health & Safety Considerations
© 2004 Arkema Inc. All rights reserved.



Arkema Inc
2000 Market Street
215-419-7000
Philadelphia, PA 19103
www.arkemagroup.com