



PRODUCT INFORMATION SHEET

Lubricoat™

Description: Lubricoat™ is an exceptionally high-purity, water-white, nonanimal, TOFA-derived oleic acid that is kosher-approved that provides a protective, scratch resistant lubricious external coating. It also complies with regulations of the U.S. Food and Drug Administration for use in food for human consumption as specified under various sections of the Code of Federal Regulations.

Physical Properties:

Appearance	- yellow hued clear oily liquid
Odor	- mild
Boiling Point	- greater than 349°C / 660.2°F
Vapor Pressure	- less than 1.33 mbar
Specific Gravity	- 0.89 @ 25°C / 77°F (7.40 lb./gal)
Freezing Point	- 7.07°C – 12.77°C / 44.726°F – 54.986°F
Water Solubility	- Slight Soluble
Shelf Life	- One year under original seal
Packaging	- 1 gallon - 55 gallon drum

Typical Uses: Provides a protective, scratch resistant lubricious external coating for glass containers.

Method of Use: A very thin coating of Lubricoat™ cold end coating is applied to the exterior of the newly formed glass, as they emerge from the annealing lehr. The temperature of the containers is reduced to between 225°F and 275°F as the surface treatment is applied. This process increases line mobility and reduces abrasions. This maintains the inherent strength of the container. The properties are greatly enhanced when applied over a “hot end” coating of a metallic oxide of tin or titanium. The degree of lubricity improvement will vary widely and depends on the quality and type of hot end coating. The smoother the hot end coating, the higher scratch resistance and more lubricious of a coating Lubricoat™ can provide.

Precautions: To prevent contamination, container should be kept sealed when not in use. For information on storage, handling, hazards, etc. please refer to safety data sheet.

The information contained herein is based on data considered accurate. However, no warranty or guarantee of any kind is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use.