



PRODUCT INFORMATION SHEET

Lubriccoat™

Description: Lubriccoat™ 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 on materials contacting foods as specified in various sections of the Code of Federal Regulations.

Physical Properties:

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| 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 – 400 lb. drum |

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

Method of Use: A very thin coating of Lubriccoat™ 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 Lubriccoat™ 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.

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