

DESCRIPTION

Polywater Fiberglass Wax and Buff Kit can be used to wax hot sticks and insulated boom trucks. The kit will leave a water-repellent, non-conductive coating that will help protect the gel coat from degradation.

PHYSICAL PROPERTIES

PROPERTY	RESULT
Appearance (liquid)	Thick yellow liquid
Odor	Banana
Specific gravity @ 25°C	0.98
Flash point	115°F (46°C)

COMPLETE PROTECTION

The Polywater Fiberglass Wax is a silicone fortified polymer/carnauba wax hybrid carried by a solvent mixture. The wax is easy to apply and creates a protective film that displaces water. This coating protects the gel coat and forces water to bead on the surface, reducing the danger of tracking.

FAST ACTING

The Wax is easily applied with the pre-saturated W-1 pouched towel, or with a clean non-linting towel in the W-16 package. Wax will fully haze in 5 minutes at 70°F (21 °C), haze time may be longer in cold temperatures. After the Wax has completely hazed, buff the Wax into the surface with another dry non-linting towel.

WATER REPELLING

Polywater Wax and Buff Kit lowers the surface energy of a surface. ASTM D2578 Method for Wetting Tension was used to evaluate this effect, as well as a visual inspection.

SURFACE	SURFACE ENERGY (DYNES/CM)	WATER WETTED APPEARANCE
Solid Epoxy	52	Water fully sheeted
Polywater Wax treated Solid Epoxy	30	Water beaded up

ELECTRICAL TESTING

To test the effectiveness of Polywater Wax and Buff Kit a modified version of IEEE 978, section 5.3 High-Potential AC Test Method was performed. In this test a high potential is applied to a section of a hot stick, and increased to 75 kV/ft.

HOT STICK	CURRENT LEAKAGE DETECTED
Untreated	33 kV/ft
Polywater Wax treated	None at 75 kV/ft

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IMPORTANT NOTICE: The statements here are made in good faith based on tests and observations we believe to be reliable. However, the completeness and accuracy of the information is not guaranteed. Before using, the end-user should conduct whatever evaluations are necessary to determine that the product is suitable for the intended use.

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