

Raincoat® Water Repellent Coating

Technical Data Sheet

Product Name: Raincoat® Water Repellent Coating. The word “Raincoat®” is a US Registered Trademark owned by MotoSolutions.

Product Description: Raincoat® is a solid, paste wax that is applied to plastic optics such as goggles, faceshields, windshields or windows. Once applied, Raincoat® provides a long lasting water repellent coating.

Country of Origin: Raincoat® is made and packaged in the USA.

Uses: Typically Raincoat® is used on clear plastic optics outdoors during rain or misting conditions or when the user encounters water spray while using protective optics. Raincoat® suggested uses include tactical goggles, safety glasses, faceshields, windshields or plastic windows (helicopter, jet or machinery portholes) and security camera domes.

Chemical Reactions: None at ambient temperatures. Raincoat® is combustible so avoid flame, sparks or excess heat. See MSDS for complete data.

Restrictions: Compatible with all common plastics including polycarbonates such as Lexan®, and acrylic plastics including Plexiglas®, and CR-39 found in many eyeglass lenses. Raincoat® is a combustible.

Application Techniques: Raincoat® is wiped onto transparent optics, allowed to dry and then buffed until transparent.

Contents: Raincoat® contains a proprietary wax blend specially suspended in an evaporating petrochemical base.

Containers: As of January, 2009, Raincoat® is packaged in multiple use packets each containing 2.5 grams or 1/10th oz. Each packet will coat about 8 sq. ft. (0.7 sq. meters) of plastic surface.

Typical Properties	
Specific Gravity	.86
Appearance	White paste solid
Odor	Low/Pleasant
Carriers Solubility (Water)	Insoluble
Waxes Solubility (Water)	Insoluble
Boiling Point	NA
Flash Point (Closed Cup)	106° F. (41° C.)
Water Contact Angle ¹	95° to 100° (compare to Teflon® at 110°)
Water Roll Off Angle ¹	13°

1. For a good explanation of these terms go to:
<http://web.mit.edu/nnf/education/wettability/wetting.html>

Availability: Sold directly and indirectly throughout the world. For a current list of retailers and distributors or if you would like to become a distributor or retailer, please write, call, or visit our website www.motosolutions.com

Raincoat® Warranty:

These data are a result of historical production performance. MotoSolutions does not imply or guarantee that future production will exactly demonstrate these typical properties.

MotoSolutions warrants that if Raincoat® Advanced Water Repellent is applied in accordance with instructions and all data sheets and the user does not see an improvement in water repellency or water beading, we will refund their product cost provided the unused portion of the product is returned to the point of purchase freight prepaid.

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