



TECHNICAL BULLETIN

AC-9100 Window Mask Peelable Protective Window Coating

Description

AC-9100 is a water-based, air curing, hand peelable, temporary protective coating formulated as a protective film on window glass and/or metal frames to minimize surface damage during shipping, painting, and rehab. This product has higher elongation, stays very slightly tacky and picks up inks and dyes much better than other water-based peelables.

Product Characteristics (as shipped)

Appearance	Viscous White Liquid
Coating VOC (EPA Method 24)	54 G/L
Coverage (ft ² /mil of dry film/gal.)	637 ft ² /gal.
Weight (Lbs./Gal.)	8.6 ± 0.2
Recommended Dry Film Thickness	3 to 4 mils as a paint mask 7-12 mils as a protective
Storage Life (In closed container)	6 months at recommended temperatures
Minimum Film Forming Temperature	40°F

Product Packaging –

AC-9100 Window Mask is supplied ready to use in 5 gallon pails and 55 gallon drums.

Storage –

Store at temperatures above 50°F. and below 110°F.

Cure Cycle –

Air cure time will vary depending on wet film thickness and atmospheric conditions (temperature, air velocity, and relative humidity). Dry times may be decreased by optimizing these conditions. Consult your product representative for further information.

Product Precautions

WARNING! DO NOT ALLOW PRODUCT TO FREEZE! KEEP OUT OF REACH OF CHILDREN. Use with adequate ventilation. **DO NOT TAKE INTERNALLY.** Avoid prolonged contact with skin. While spraying, wear a suitable respirator with an ammonia cartridge to prevent inhalation of overspray and vapors. Keep containers closed when not in use. **CONSULT MATERIAL SAFETY DATA SHEET FOR HANDLING AND SAFETY INFORMATION.**

- DO NOT allow the product to freeze. Frozen liquid material cannot be rejuvenated and will not function properly.
- DO NOT apply the product to surfaces other than those specifically noted prior to thoroughly testing.
- DO NOT apply the coating too thin. This will result in a weak discontinuous film which will be difficult to remove and offer no protection.
- DO NOT apply the coating when it will be exposed to rain, moisture or freezing temperatures before it can fully cure.
- DO NOT attempt to peel the coatings at extreme temperatures. They will peel easily at normal room temperature.
- DO NOT apply the coating over small, intricate or delicate parts. These areas should be masked with plastic film or tape as the coating may be difficult to remove.
- DO NOT attempt to use this product as a waterproofing coating. With time water will be absorbed into and pass through the coating. Standing water may eventually lift the coating off the surface of the part. Not recommended for open truck transport.



Product Use Instructions

General –

The following directions and recommendations are intended to serve as a guide and may require modification to meet local conditions.

Mixing –

None required.

Thinning –

Use as received. Do not thin.

Surface Preparation -

The intended substrate must be clean and dry to accept the protective coating properly. Loose debris, dust or other contamination may degrade product effectiveness and peelability.

Application

Airless Spray-

Due to the AC-9100's high viscosity and ability to build thick films on vertical surfaces, airless spray equipment works best. Match the pump size and tip to the specific job. Spray at the lowest possible fluid pressure that obtains a uniform spray pattern.

Air Spray-

Due to the AC-9100's high viscosity, a larger spray tip and/or more air pressure may be required. A pressure pot typically works better than a siphon gun.

Dry film build required in mils	4	5	6	7	8	9	10	12
Wet mils to apply	10	13	15	18	20	23	25	30
ft² of coverage/gallon	160	123	107	89	80	70	64	53

NOTE: CONSULT MATERIAL SAFETY DATA SHEET FOR HANDLING AND SAFETY INFORMATION.

Warranty

The following warranty is made in lieu of all other warranties, either expressed or implied. This product is manufactured of selected raw materials by skilled technicians. Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of this product and no warranty is made as to the results of any use. The only obligation of either seller or manufacturer shall be to replace any quantity of this product, which is proved to be defective. Any claim of defective product must be received in writing within one (1) year from date of shipment. Neither seller nor manufacturer assumes any liability for injury, loss, or damage resulting from use of this product.

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