



GLAZON 145 *BPA FREE*
 ACRYLATE COATING: UV CURE
 SERIES U145
 MATTE FINISH; MAR AND FINGERPRINT RESISTANT

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DESCRIPTION

Glazon 145 is a UV curable matte finish coating based on free radical cure acrylate chemistry. Applied coatings have an attractive matte gloss along with excellent mar, slip and fingerprint resistance.

TYPICAL USES

Glazon 145 matte finish coatings are typically used as a protective coating on LDPE or HDPE. However, Glazon 145 can also be used as a clear overprint varnish on various paper stocks. Glazon 145 may also be used as a protective coating on various metals and wires. The Glazon UV Series exhibits excellent adhesion to aluminum.

NOTICE

Before using this product, read all warnings, limitations and safety information printed on the product label, Safety Data Sheet (MSDS), and Technical Data Sheet.

OUTSTANDING FEATURES/BENEFITS

- Fast cure
- BPA Free
- Applicable to heat sensitive substrates
- Outstanding fingerprint resistance
- Excellent slip for easy packaging

LIMITATIONS

Tubing and storage containers must be stainless steel or opaque HDPE or polypropylene plastic.

COMPOSITION AND PHYSICAL PROPERTIES			
Net Weight per gallon	8.7 ± 0.5 lbs.	Vehicle	Acrylate Resins
Weight Solids	40-50%	Color	Clear
Volume Solids	43-47% (Theoretical)	Finish	Matte
VOC	4.05 lbs./gallon (Theoretical)	Gloss	< 5 @ 60° ASTM D523
Odor	Glycol Ether	Cleanup	MEK
Viscosity	150-400 cps @ 77°F, #3 spindle, 50 RPM	Thinner	PnP 2-propoxypropanol (D168-C01)
Shelf Life	12 months in unopened container	UV Cure	See CURING
Storage Conditions	≤100°F		
Flash Point	119 ± 2°F Setflash		
Coverage Rate*	350 sq. ft./gal @ 0.5 mil (Theoretical)		

*Actual figures do not include spray loss. Also allow for surface irregularities and porosity, as well as material loss when mixing.

STIRRING

SHOULD BE STIRRED THOROUGHLY BEFORE USE AND DURING APPLICATION.

THINNING

Use PnP 2-propoxypropanol (Sandstrom D168-C01) sparingly.

APPLICATION

In application areas, lights with low levels of UV output should be used.

Typically applied by a precision direct coating operation. Can also be applied by spray, gravure, flexo, offset, and direct lithographic processing.

Wet film thickness of 0.3 mil - 0.8 mil is usually applied.

CURING

Cure is achieved by using any number of commercially available UV curing units. The wavelength of the UV curing source should be 250 - 430 nanometers. Cure rate is dependent on the number of lamps available and wet film thickness. Typically a 0.4 mil wet film will cure with 2 passes at 14 ft./minute/lamp using 250 watts/inch medium pressure mercury vapor lamps, or equivalent. Heat sensitive substrates may require addition of infrared filters to your curing unit or curing out of focus to dissipate excess heat.

WARNINGS: Constant stirring is imperative for best results.

DANGER! USE WITH ADEQUATE VENTILATION.

IMPORTANT NOTICE TO BUYER / WARRANTY AND LIMITATIONS ON OUR LIABILITY
 We warrant our products to be free of manufacturing defects and that they meet our current published physical properties and specifications. All information and suggestions presented are rendered gratis and are accurate to the best of our knowledge. They are based on technical data we believe to be reliable and are intended for use by persons having skill and "know-how" at their own discretion and risk. Prior to use, customers are cautioned to determine the suitability of our products for any given application through their own testing. NO WARRANTY IS MADE, EXPRESS OR IMPLIED, REGARDING SUCH INFORMATION, THE DATA ON WHICH IT IS BASED OR THE RESULTS OBTAINED FROM ITS USE OR THAT OUR PRODUCT SHALL BE MERCHANTABLE OR FIT FOR ANY PARTICULAR PURPOSE. SUCH STATEMENTS ARE NOT INTENDED TO SUGGEST INFRINGEMENT OF ANY PATENT. Since conditions of use of our products are beyond our control, all suggestions and statements are made without guarantee, warranty or other responsibility, express or implied, on our part. We assume no responsibility for results obtained, or damages incurred, from their use beyond replacing material proved to be defective or refunding the purchase price of such material at our option. Acceptance of delivery of our product means you have accepted the terms of this warranty, whether or not purchase orders of other documents state terms that vary from this warning. No seller is authorized to make any representations or warranty or assume any other liability on our behalf with any sales of our products. SANDSTROM PRODUCTS COMPANY