



GLAZON 147 *BPA FREE*
 ACRYLATE, 100% SOLIDS COATING: UV CURE
 SERIES U147
 GLOSS FINISH; MAR AND FINGERPRINT RESISTANT

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DESCRIPTION

Glazon 147 is a UV curable gloss finish coating based on free radical cure acrylate chemistry. Applied coatings have an attractive gloss along with excellent mar, slip and fingerprint resistance.

TYPICAL USES

Glazon 147 gloss finish coatings are typically used as a protective coating on LDPE or HDPE. However, Glazon 147 can also be used as a clear overprint varnish on various paper stocks and as a finish coat on wood. Glazon 147 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
- 100% solids coating

LIMITATIONS

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

COMPOSITION AND PHYSICAL PROPERTIES			
Net Weight per gallon	9.2 ± 0.5 lbs.	Vehicle	Acrylate Resins
Weight Solids	100%	Color	Clear
Volume Solids	100%	Finish	Gloss
VOC	0	Gloss	> 70 @ 60° ASTM D523
Odor	Glycol Ester	Cleanup	MEK
Viscosity	1000 - 1400 cps @ 77°F, #4 spindle, 100 RPM	Thinner	PnP 2-propoxypropanol (D168-C01)
Shelf Life	12 months in unopened container	UV Cure	See CURING
Storage Conditions	≤100°F		
Flash Point	n/a		
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.