U200 *BPA FREE*

GLAZON SD UV ACRYLATE

SERIES U200

GLOSS FINISH

SANDSTROM PRODUCTS COMPANY

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DESCRIPTION

Glazon U200 is a UV curable gloss finish coating based on free radical cure acrylate chemistry. Applied coatings have an attractive gloss.

TYPICAL USES

Glazon U200 gloss finish coatings are typically used as a protective coating on LDPE or HDPE. However, Glazon U200 can also be used as a clear overprint varnish on various paper stocks and as a finish coat on wood. Glazon U200 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
- 100% solids coating
- Excellent adhesion of secondary decoration

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	800 - 1200 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 application loss. Also allow for surface irregularities and porosity, as well as material loss when mixing.

STIRRING

SHOULD BE STIRRED THOROUGHLY BEFORE USE AND INTERMITTENLY 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: Stir before use..

DANGER! USE WITH ADEQUATE VENTILATION.