



Allureglow USA

Don't be left in the dark

Reflective Solventbased Screen Printing Inks

Technical Data Sheet SB-2045-RR Series

Wet Ink Tack	Tacky
After Drying	Tack Free
Printability	Excellent
Surface Appearance	Glitter
Opacity/Viscosity	Transparent
Dry to the Touch	30-45 minutes@70°F (21°C)
Curing Time	24 Hours
Squeegee Hardness	70-80 Durometer
Squeegee Blade	Medium
Squeegee Angle	45°
Squeegee Speed	Medium
Squeegee Pressure	Low
Mesh Count	110-160 mc
Emulsion	All waterproof capillary films and liquid emulsions
Thinner	Solvent
Thickener	DO NOT USE
Storage	65°F to 85°F (18° to 30°C). Avoid direct sun
Cleanup	Eco-Solvent or Safety-Kleen
SDS	SB-2045-RRB
Substrate Types	Flexible Vinyl, Rigid Vinyl, Styrene, Card Stock, Acrylic, Coated Paper

The Allureglow USA SB-2045-RR Series Reflective Inks are Premium Air Dry Solvent Based Reflective Screen Printing Inks, designed for Printing on Flexible Vinyl, Rigid Vinyl, Acrylic, Plastics, Styrene, Coated Papers, Coated Paper and Card Stock. These Inks look like conventional colors in normal light and have remarkable reflective properties when light is shined on it. This Ink is an excellent enhancement to any Print with its increased visibility.

Directions and Helpful Information:

All SB-2045-RR Series Inks are Ready to Use Inks, however it is extremely important that they be properly mixed prior to use. Mixing should be done with a High Speed Drill or Drill Press using a Type 2 Dispersion Blade. Continue to Mix Ink occasionally throughout the Print Production Run.

Keep lids on containers to avoid contamination and drying of the Ink.

In warmer climates and environments, do not allow the Inks to sit idle on the Screens. If you must stop printing, Remove any excess Ink and Clean the Screen and Squeegee with Eco-Friendly Screen Cleaner/Opener or Press Wash to prevent screens from drying out and clogging up. Remember these are an Air Dry Type Ink.

Do Not Mix SB-2045-RR Series Inks With Any Other Inks or Color Concentrates

For Best Results: Use Lite to Medium Flood and Lite to Moderate Squeegee Pressure on both Automatic and Manual Presses

The SB-2045-RR Series Reflective Inks should be Printed using a Single Pass and 110 to 160 Mesh Screens, depending on the color and amount of reflectivity you are trying to achieve and the Type of Screens, Emulsion and Emulsion Thickness you are using.

Drying & Curing Inks: Finished Prints should be placed on a Drying Rack to Dry for a total of 24 hours. The Inks are Dry to the touch after 30-45 minutes @70°F (21°C)

Always perform adhesion test once Ink has Cured for 24 Hours.

Clean-Up can be done using Eco-Solvents or Safety-Kleen Tank

Testing and viewing can be best done in a dark room or hallway, place print at least 10 feet away from you on a wall, place a good flashlight between you eyes and point at the print, the light should reflect back at the viewer.

Any application not referenced in this Technical Data should be pre-tested prior to any production run is done.

Manufactured By: Allureglow USA and Allureglow USA makes no representation as to the suitability of any given products; it is up to the buyer or user to determine if the product is suitable for the given application.

For additional Information Call (888) 493-4569 or email Info@allureglowusa.com

Available Colors

	WHITE		BLUE
	YELLOW		PINK
	ORANGE		VIOLET
	RED		BLACK
	GREEN		GREY
	CLEAR		



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Testing Procedure for Reflective Inks

When determining if Allureglow USA Reflective Inks are suitable for your intended application, you will need to view the product using the following method:

Place the Printed Garment or Product 10 Feet away from you in a dark hallway or room. Standing straight in front 10 Feet away and using a fully charged flashlight, place the flashlight up between your eyes and move the flashlight back and forth slightly, you will see the light bounce back (reflecting back) at you.



Allureglow USA Reflective Inks have been developed to give maximum levels of reflectivity.

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