

PRODUCT CHARACTERISTIC SHEET and COC

PLEASE READ BEFORE USING!

Material: Glo Brite® Photoluminescent

Part Nos: GB76155, GB761510, GB761525, GB761550

General Description: Glo Brite is a photo luminescent (glow-in-the-dark) safety grade film for long lasting luminous applications. It is designed to exceed requirements for emergency egress and other safety standards for indoor and outdoor signs and directive markings in building, marine, rail, and military applications. Glo Brite® exceeds the ASTM standard by more than three times.

Thickness:	7 mil. vinyl with 2 mil of adhesive	Adhesive Properties: 2 mils. of permanent acrylic pressure sensitive adhesive works for most surfaces including powder coated surfaces and metal surfaces
Outdoor Life:	N/A	
Shelf Life:	N/A	
Service Temperature Range:	(-20° F to 150° F)	
Minimum Application Temp.:	N/A	

Tests performed | results:

Ultimate Peel from	Average OZ/IN	Test Method
Stainless Steel	72	PSTC-101 (Modified for 24 hour dwell time)
Powder coated surface	60	
Polyethylene	55	
Luminous Values	100 mcd/M ₂ 10.0 mcd/M ₂	Din 67510 / ASTM 2072 lamp 1000Lx / 5 min) 10 min lamp 1000Lx / 5 min) 60 min (Xe (Xe
Luminous Compliance		Din 67510, ASTM 2072, ISO 15370, EU marine Equipment Directive, IMO RES A. 752 (18), PSPA class B
Expected Shear Room Temp (hours)	10	PSTC - 107 1/2" x 1/2" x 1000g
Tack	<5 inches	PSTC - 6 Rollin Ball Tack

CERTIFICATE OF CONFORMANCE (COC)

Sold to:		Lot No.:	
Buyer:		PO#	
Supplier:	Graphic Marking Systems	Supplier's Authorized Rep.:	
MFR Part No:		Title:	
MFR Date:		Ship Date:	
		Date:	

Recommended Application Techniques:

Apply to a clean dry surface that is above 50° F. Recommended to be digitally printed on by Thermal transfer. Adhesive works for most surfaces including powder coated surfaces and metal surfaces.

GSP Software Settings:

In Gerber's Plot program, click on the "123" button then on the substitute button and select vinyl. Select Gerber Label Stock 2 mil. from the pull-down menu as the vinyl to print on. If you are using laminates on top of the base material, you will have to determine the best cutter settings by test cutting the finished construction.

USE A 45° blade or 60° BLADE on any combination of material 8 mil or thicker.

Disclaimer:

All of the descriptive information listed above is our recommendation only. This information does not suggest or constitute a written or verbal warranty or guaranty of any kind by the manufacturer or distributor of this product. Although this material can be printed on with some solvent based printers, the surface characteristics of the material can change from roll to roll, and failure of optimal printing results are not a basis for returning the product. Purchasers of this product shall be responsible for independently determining the suitability of the material for the intended application. GMS0612 Graphic Marking Systems

Material Safety Data Sheet (MSDS)

Material Name: Glo Brite® Photoluminescent		Company:	
Part Nos: GB76155, GB761510, GB761525, GB761550		Graphic Marking Systems	
Date Prepared: 3/12/2013		Address: 28457 N. Ballard Rd., Suite A1	
General Description: Glo Brite is a photo luminescent (glow-in-the-dark) safety grade film with permanent acrylic adhesive.		Lake Forest, IL 60045	
		Phone: 847-582-9276	
		Fax: 847-582-9282	
Composition and information on ingredients:		UL Recognized:	NO
Individual components of this product do not contribute to any known hazards.		ROHS Compliant:	YES
OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200): NONE		REACH Compliant:	YES
Hazards Identification:			
POTENTIAL HEALTH EFFECTS: None			
ACUTE: No significant toxic hazard. When burned may produce toxic fumes.			
CHRONIC: No significant toxic hazard.			
None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.			
First Aid Measures:		Fire Fighting Measures:	
Emergency and First Aid Procedures:		Flash Point: N/A	
ROUTES OF ENTRY:		Method Used: N/A	
Inhalation: N/A	Skin: N/A	Auto-ignition Temperature: N/A	
Eyes: N/A	Ingestion: N/A	Flamable limits in Air % by Volume: LEL: N/A, UEL: N/A	
Accidental Release Measures: N/A		Extinguishing Media: Multi-rated ABC extinguisher or water	
Handling and Storage:		Unusual Fire and Explosion Hazards: None	
No special handling required other than storing away from excessive heat sources.		Special Fire Fighting Procedures: In case of fire, use self-contained breathing apparatus and full protective equipment - all fires liberate toxic gases.	
Exposure Controls and Personal Protection:		Physical and Chemical properties:	
Respiratory Protection: None required	Vapor Pressure (mm Hg) N/A		
Skin Protection: No precautions required	Boiling Point: N/A		
Eye Protection: None required	Vapor Density (air = 1): N/A		
Exposure Guidelines: None established	Appearance and odor: N/A		
Engineering Controls: None required	Specific Gravity (H 0=1) N/A		
Toxicological Information:		Stability and Reactivity:	
Carcinogen Status: NTP: NONE IARC: NONE OSHA: NONE		Stability: N/A	
Ecological Information: No Data Available		Conditions to avoid: Fire or Excessive Heat	
Transport Information:		Incompatibility: None	
TRANSPORTATION AND HAZARDOUS MATERIALS DESCRIPTION: Not a hazardous material for DOT shipping.		Hazardous Decomposition Products: None	
Disposal Considerations: Waste Disposal:		Hazardous Polymerization: Will not occur.	
Dispose of in accordance with Local, State and Federal regulations.		Regulatory Information:	
Other Information:		OSHA STANDARD CFR 29, PART 1910.1200: This product is considered to be an "article" under this standard.	
The information contained herein is based on the data available to Graphic Marking Systems, and is believed to be correct. However, Graphic Marking Systems makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. Graphic Marking Systems assumes no responsibility for injury from the use of the product described herein.		SARA 313 INFORMATION: This product contains no substances at or above the reporting threshold subject to the reporting requirement of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 371, based on available data.	
		CALIFORNIA PROPOSITION 65: CALIFORNIA PROPOSITION 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. Warning this product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.	