

PRODUCT CHARACTERISTIC SHEET and COC

PLEASE READ BEFORE USING!

Material: LEXLAM® OVERLAMINATE

Part Nos: LEX51350CV, LEX52450CV, LEX55150CV

General Description: LEXLAM™ Clear Lexan® laminate has an embossed velvet texture and a water-clear permanent acrylic adhesive. This laminate has excellent heat stability and resistance to scratches and finger prints. It is rated as a 5 year UV stable film with UV inhibitors to prolong the color of the underlying graphics. It has a polyester liner for smooth lamination.

Thickness: 5 mil. Lexan®, plus 2.0 mils of adhesive.

Outdoor Life: UV stable* for 5 years

Shelf Life: 2 years stored at 70°

Service Temperature Range: (-40° F to 212° F)

Minimum Application Temp.: 50° F

Adhesive Properties:

General purpose permanent acrylic pressure sensitive adhesive works on most surfaces.

Tests performed | results:

Ultimate Peel from	Average OZ/IN	Test Method
Stainless Steel	110	
Cohesive Properties (1 sq. in. x 1 kg)	100 + Hours	
Tack (gm/sq cm)	570	Polyken Probe Tack

CERTIFICATE OF CONFORMANCE (COC)

Sold to:				Lot No.:	
Buyer:		PO#		Supplier's Authorized Rep.:	<i>Demas Garcia</i>
Supplier:	Graphic Marking System	MFR Part No:	Top of the page	Title:	Converting Manager
MFR Date:		Ship Date:		Date:	

Recommended Application Techniques:

Laminate with a cold pressure sensitive laminator or by hand. Applying too much reverse tension on the laminate may cause curling in the finished product.

GSP Software Settings:

In Gerber's Plot program, go to the cutter settings and set the Speed to 50, the Acceleration to 50, the Force to 50 or more depending on the age of your blade and what you are laminating to, and Sharp Corners to 90 or more. For best results, make some test cuts first.

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. GMS0519 Graphic Marking Systems

Material Safety Data Sheet (MSDS)

Material Name: LEXLAM™ 5 mil. 5 yr. UV Laminate

Part Nos: LEX51350CV, LEX52450CV, LEX55150CV

Date Prepared:

General Description: LEXLAM™ Clear LEXAN® laminate has an embossed velvet texture and a clear permanent acrylic adhesive.

Company:

Graphic Marking Systems

Address: 28457 N. Ballard Rd., Suite A1
Lake Forest, IL 60045

Phone: 847-582-9276

Fax: 847-582-9282

Composition and information on ingredients:

Individual components of this product do not contribute to any known hazards.

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200): NONE

UL Recognized: NO

ROHS Compliant: YES

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:

Emergency and First Aid Procedures:

ROUTES OF ENTRY:

Inhalation / Eyes: Upon over-heating Skin: non-Irritating
remove personnel to fresh air Ingestion: Non-Toxic

Accidental Release Measures: N/A

Handling and Storage:

No special handling required other than storing away from excessive heat sources.

Fire Fighting Measures:

Flash Point: N/A

Method Used: N/A

Auto-ignition Temperature 330°

Flamable limits in Air % by Volume: LEL: N/A, UEL: N/A

Extinguishing Media: Water spray, carbon dioxide, or dry chemical

Unusual Fire and Explosion Hazards:

Special Fire Fighting Procedures: Respiratory and eye protection should be provided for trained fire fighting personnel to avoid contact with combustion products.

Exposure Controls and Personal Protection:

Respiratory Protection: None required
Skin Protection: No precautions required
Eye Protection: None required
Exposure Guidelines: None established
Engineering Controls: None required

Physical and Chemical properties:

Vapor Pressure (mm Hg)	N/A	Boiling Point:	N/A
Vapor Density (air = 1):	N/A	Melting Point:	176°- 446°
Appearance and odor:	Thin transparent film	Reactivity of water:	N/A
Specific Gravity (H 0=1)	N/A	Solubility in water:	Insoluble

Stability and Reactivity:

Chemical: Stable

Conditions to avoid: Fire or Excessive Heat

Incompatibility: Avoid contact with strong acids and bases.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, vinyl acetate, acetic acid, bisphenol A, diphenyl carbonate and phenol derivatives.

Regulatory Information:

OSHA STANDARD CFR 29, PART 1910.1200: This product is considered to be an "article" under this standard.

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: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. This product does not, to the best of our knowledge and belief contain any of the chemicals on the current list of chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Other Information:

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.