

# SAFETY DATA SHEET



DATE PRINTED	5/31/2016
SDS REF. No :	HM-1926

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** BOOK BINDING

**Product Code:** HM-1926

**Manufacturer**  
LANCO MFG. CORP.  
URB. APONTE # 5

SAN LORENZO, PUERTO RICO, 00754  
787-736-4221

**24 HR. Emergency Telephone Number**  
**CHEMTREC (US Transportation):** 1 (800)424-9300  
**CHEMTREC (International Transportation)** : 1(703)527-3887

## 2. HAZARDS IDENTIFICATION

### **Classification (substance or mixture):**

Category 2 Skin Irritation  
Category 2A Eyes irritation

### **GHS Label Elements:**



**Signal Word:** WARNING: MOLTEN ADHESIVE MAY CAUSE SEVERE BURNS .  
STATIC CHARGES GENERATED BY EMPTYING PACKAGE IN OR NEAR  
FLAMMABLE VAPORS MAY CAUSE IGNITION.  
VAPOR ABOVE MOLTEN ADHESIVE MAY CAUSE EYES, SKIN AND  
RESPIRATORY TRACT IRRITATION.  
CAUSES SKIN AND EYES IRRITATION.

### **Hazard Statements:**

H315 Cause skin irritation.  
H317 May cause and allergic skin reaction.  
H320 Cause eyes irritation.

**Precautionary Statement:**

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352 If on skin: Wash with soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	Weight %	CAS Number
Rosin Ester	30% to 40%	8050-26-8
Ethylene Vinyl Acetate Copolymer	20% to 30%	MIXTURE
Ethylene Vinyl Acetate Copolymer	10% to 20%	MIXTURE

\* Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

**4. FIRST AID MEASURES**

**Eyes:** Immediately flush eyes plenty of water for 15 to 20 minutes. Get medical attention, if irritation or symptoms of overexposure persists.

**Skin:** Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persist.

**Ingestion:** Do not induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**Inhalation:** If affected, remove from exposure. Restore breathing. Keep warm and quiet.

**Notes To Physician:** Treat symptomatically.

**5. FIREFIGHTING MEASURES**

**Suitable Extinguishing Media:** Foam , CO2 , Dry Chemicals, Water FOG

**Unsuitable Extinguishing Media:** None

**Specific Hazard In Case Of Fire:** Due to pressure build-up, closed containers exposed to extreme heat may explode during emergency conditions, overexposure to decomposition product may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**Special Protective Equipment And Precaution For Fire Fighters:** Wear Self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use. Do not use water stream or spray on a localized glue pot fire. Water stream or spray may damage nearby energized electrical conductors or conduct electrical energy and present a Hazard to personnel and other equipment.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use personal protection recommended in section 8.

**Environmental Precautions:** No especial environmental precautions required. Do not allow materials to contaminate ground water system.

**Method And Materials For Containment And Cleaning Up:** Wash with water, before attempting clean up, refer to Hazard caution information in other section of this material safety data sheet form. Contain spilled material and removed with inert absorbent. Store in close container.

## 7. HANDLING AND STORAGE

**Precaution For Safe Handling:** Do not use this material if it wetted or mixed with water. Water will boil at glue-pot temperatures and cause dangerous spattering of molten material. wash hands thoroughly after handling and before eating or drinking.

**Conditions For Safe Storage, Including Incompatibilities:** If the material is molten (hot) allow it cool and solidify, scrape it up and place it in a chemical waste container. Do not reuse empty container. Keep out of reach children.

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

### Exposure Limits

Components	CAS	Limits
Rosin Ester	8050-26-8	OSHA PEL TWA: 15 mg/m3 total dust ACGIH TWA: 10 mg/m3 total dust

Ethylene Vinyl Acetate Copolymer	MIXTURE	OSHA PEL 5 mg/m <sup>3</sup> (Respirable Dust) 15 mg/m <sup>3</sup> Total Dust TWA 10 ppm STEL 20ppm For Vinyl Acetate.
Ethylene Vinyl Acetate Copolymer	MIXTURE	OSHA PEL 5 mg/m <sup>3</sup> (Respirable Dust) 15 mg/m <sup>3</sup> Total Dust TWA 10 ppm STEL 20ppm For Vinyl Acetate.

**Engineering Controls:** Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such system are not effective wear suitable personal protective equipment, which performs satisfactorily and meet OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

**Personal Protective Equipment:**

**Respiratory Protection:** Respiratory protection is not generally required during normal use and handling. The need for respiratory protection should be evaluated if this material is sprayed or heated in poorly ventilated area.

**Eyes Protection:** Wear safety glasses with side shield goggles. Wear face shield in operations where hot materials may splash or spatter.

**Skin Protection:** When material is heated, wear gloves that protect the hands from thermal burns. Long sleeved shirts are recommended to protect against potential splashes of molten material. Consult your supplier of personal protective equipment for additional instruction on proper usage.

**Work Hygienic Practices:** Ensure shower and eyewash station are available. Use good personal hygiene practices. Wash hand before eating, drinking. Promptly remove soiled clothing and wash thoroughly before reuse.

**Other Use Precautions:** None

**Comments:** No information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Pellet, solid block.

**Color:** Light yellow

**Flash Point And Method:** Not applicable Not applicable

**Auto-Ignition Temperature:** Not available

**Boiling Point/Range:** 470 °C (878 °F)

**Melting Point:** 250 °F - 400 °F

**Vapor Pressure:** Not available

**Vapor Density:** Not available

**Solubility in Water:** Insoluble

**Odor:** Slight Resinous

**Upper /Lower Flammable Limits:** Not applicable TO Not applicable

**Relative Density (g/cm<sup>3</sup>):** 0.4834

**Evaporation Rate:** Not available

**Flammability (Solids, Gas):** Not available

**Partition Coefficient:** Not available

**pH:** Not applicable

**Decomposition Temperature:** Not available

**Coating VOC (gm/l):** 0

**Material VOC (gm/l):** 0

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** This material is stable during storage and during its intended use.

**Possibility Of Hazardous Reactions:** Will not occur.

**Conditions To Avoid:** Excessive heat, poor ventilation, corrosive atmospheres, excessive aging.

**Materials To Avoid:** To avoid thermal decomposition, do not overheat. Avoid temperatures above 200 °C (392 °F).

**Hazardous Decomposition Products:** May cause hazardous fumes when heated to decomposition. Fumes may contain Carbon Monoxide, Carbon Dioxide.

## 11. TOXICOLOGICAL INFORMATION

**Signs And Symptoms Of Overexposure:** No information available.

**Acute Effects:**

**Eye Contact:** Can cause mechanical irritation if dusts are generated.

Fumes released during thermal processing may cause eye irritation. Molten adhesive in eyes will cause severe and permanent damage.

**Skin Contact:** Solid adhesive has no hazards. Molten adhesive may cause severe burns.

**Inhalation:** Dusts from solids adhesive may cause irritation. Continuous breathing of vapors above molten adhesive may irritate mucous membranes.

**Ingestion:** Not expected under normal condition of use. Expected to be low in toxicity.

**Target Organ:** No information available.

**Chronic Effects:** No information available.

**Toxicity Values:** No information available.

**TOXICOLOGICAL INFORMATION**

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**CARCINOGENICITY:** The information below indicates whether each agency has listed any ingredient as a carcinogen:

**12. ECOLOGICAL INFORMATION**

**Persistence And Degradability:** No information available.

**Bio-Accumulative Potential:** No information available.

**Mobility In Soil:** No information available.

**Other Adverse Effects:** No information available.

**Eco-toxicological Other Information:** No information available.

**ECOLOGICAL INFORMATION**

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**13. DISPOSAL CONSIDERATIONS**

**Disposal Method:** Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and /or state and local guidelines.

**14. TRANSPORT INFORMATION**

	<b>DOT</b>	<b>IMDG</b>	<b>AIR (IATA)</b>
<b>UN Number</b>	Not regulated	Not Regulated	Not Regulated
<b>UN Proper Shipping Name</b>	Not regulated	Not Regulated	Not Regulated
<b>Hazard Class</b>	Not regulated	Not Regulated	Not Regulated
<b>Packing Group</b>	Not regulated	Not Regulated	Not Regulated
<b>Environmental Hazard</b>	Not regulated	Not Regulated	Not Regulated
<b>Marine Pollutant (Y/N)</b>	No	No	No

**15. REGULATORY INFORMATION**

**U.S. Regulations:**

**U.S. SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 Hazard Categories:** Hazardous Information

**Fire:** No                      **Pressure Generating:** No

**Reactivity:** No    **Acute:** No            **Chronic:** No

**313 Reportable Ingredients:** This product contains a chemical or chemicals which are subject to the reporting requirements of section 313 of title 40 CFR 372.

**313 REPORTABLE INGREDIENTS**

**302/304 Emergency Planning**

**Emergency Plan:** No

**State Regulations:** No

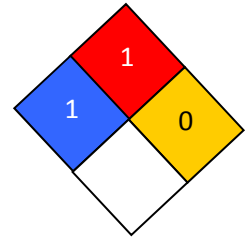
**Other Govt. Regulations:** No



## 16. OTHER INFORMATION

HMIS RATING	
Health :	1
Flammability :	1
Reactivity :	0
Personal Protection :	B

### NFPA CODES



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**Revision Indicator:** None

**Manufacturer Disclaimer:** The information contained herein is based on data believed by this company to be accurate, but we do not assume any liability for its accuracy. We neither suggest nor guaranteed that any hazards mentioned are the only ones which exist. The manner in which it is used and whether there is any infringement of patents is the sole responsibility of the user.