

SAFETY DATA SHEET

I IDENTIFICACIÓN DEL PRODUCTO E INFORMACIÓN DEL FABRICANTE

TRADE NAME OF THE SUBSTANCE	Grafy Melt for bookbinding
COMMON OR GENERIC NAME	HOT MELT
MANUFACTURED BY	Lanco Manufacturing Corp.
ADDRESS OF THE MANUFACTURER	Urbanización Aponte No. 5, San Lorenzo, Puerto Rico 00754
Phone No	(787) 736 – 4221
FAX No	(787) 736 – 4221
EMERGENCY NUMBERS	(787) 736 – 4200

II COMPOSTION AND INFORMATION ON INGREDIENTS HAZARDOUS

NOMBRE COMÚN O GENÉRICO DEL COMPONENTE PELIGROSO	% EN PESO	No. DE CAS
Terpeno phenolic resin	20 – 35	259094 – 71 – 8
Pine resin	20 – 35	8058 – 26 – 8
Sólidos (thermoplastic wax)	35 – 50	64742 – 51 – 4

III IDENTIFICATION OF RISKS AND EFFECTS FROM EXPOSURE

If the product is handled properly, it is not expected any adverse effects to the health of the person. However, the symptoms that may occur if the product is handled incorrectly are:

INHALACIÓN:	Vapor sor spray can form at high temperatura. These vapours may cause irritation of the respiratory tract
INGESTIÓN	Ingestion can cause dizziness, vomitin, headache.
CONTACT WITH EYES	Vapors that are released when the product is heated may cause milad eye irritation
CONTACT WITH THE SKIN	Direct contact with molten product can cause severe burns.
CHRONIC EFFECTS	Breathingtime prolonged and repeated product dustmay cause lung damage

IV FIRST AID

EYE CONTACT	Flush eyes with plenty of wáter for at least 15 minutes. If the trouble persists, get medical attention..
SKIN CONTACT	In the case of contact with the cast product, immediately immersed the affected area in cold wáter to dissipate the heat.
INHALATION	Be the subject affected to a place with abundant fresh air. If breathing is difficult to do, supply oxygen. Give artificial respiration if breathing has stopped. Obtain medical attention immediately
INGESTION	If the patient is conscious, give 1 or 2 glasses of wáter and induce vomiting. Never be given anything by muth to an unconscious person.
RECOMMENDED ANTIDOTE	None. Try swallowing symptomatically and as directed by a health professional.

IV. MEASURES AGAINST FIRE

FLAMMABLE LIMITS	Lower limit (LEL): n/a Upper limit (UEL): n/a
FIRE EXTINGUISHING AGENTS	Carbon dioxide, dry chemical powder and mistpolvo químico seco y neblina
FLASH POINT	> 204 °C (CUP)
AUTOIGNITION TEMPERATURE	n/a
FIRE PROTECTION EQUIPMENT	Use a self-contained breathing apparatus and protective clothing of fireman

V. MEASURES IN THE EVENT OF A SPILL OR LEAK

SPILLS AND LEAKS	If the product is cast, allow to cool and solidify that, pick up with a spatula and transfer to containers available for disposal.
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VI. HANDLING AND STORAGE

STORAGE TEMPERATURE	Store at room temperature
STORAGE CONDITIONS	Store in a dry and cool place.Keep containers tightly closed when not in use.Kept out of the reach of children.

VII. EXPOSURE CONTROL AND PERSONAL PROTECTION EQUIPMENT

VENTILATION CONDITIONS	Work in a well ventilated area
RESPIRATORY PROTECTION EQUIPMENT	Mask with organic vapor filter. Apply the product with spray, use mask to avoid breathing particles or dust from the product.
EYE PROTECTION EQUIPMENT	Use safety glasses with side shield. To manipulate product cast use facial mask
SKIN PROTECTION EQUIPMENT	Use gloves when handling the cast product, protective clothing long sleeves is recommended to avoid burns by splashes of the cast product.

VIII. Physical and Chemical Properties

SMELL AND APPEARANCE	Pellets, amber
SPECIFIC GRAVITY	0.99
SOLUBILITY IN WATER	Insoluble
MELTING POINT	85-87C
PUNTO DE EBULLICIÓN	n/a
pH	n/a
ESTADO DE AGREGACION A 25 °C Y 1 ATM	sólido

IX. STABILITY AND REACTIVITY

STABILITY	This material is stable
INCOMPATIBILITY	Avoid contact with oxidizing agents such as peroxides, chlorates, permanganates. Avoid contact with acids, such as hydrochloric acid, sulfuric acid, nitric acid. Avoid contact with reducing agents. Avoid contact with bases such as sodium hydroxide and organic amines..
RISK OF POLIMERIZATION	Product will not undergo polymerization
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition will produce carbón monoxide and dioxide

XI. INFORMATION ON TOXICOLOGY

DERMAL OR ORAL MEDIAN LETHAL DOSE(LD50)	n/a
MEDIAN LETHAL DOSE INHALATION(CL50)	n/a

XII. INFORMACIÓN ON EFECTS IN ECOLOGY

There is no information regarding.

XIII. CONSIDERATIONS ON THE FINAL DISPOSITION OF THE PRODUCT

Download, elimination or treatment of waste should be carried out in accordance with current national legislation.

XIV. TRANSPORTATION INFORMATION

Unregulated D.O.T

XV. REGULATORY INFORMATION

Not regulated

XVI. OTHER INFORMATION

All information, recommendation and suggestion which appears on the product is considered accurate and reliable, however, it is responsibility of the user of the product to determine the safety and applicability of the same to his own use. CAS: Chemical Abstracts Number