



One Technology Drive/ P.O. Box 188 /Rogers, CT 06263-0188 / 860.774.9605

PRODUCT SAFETY INFORMATION SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: ULTRALAM® 3000 Series Laminates

CHEMICAL FAMILY: Aromatic Crystal Polyester

HMIS RATING: H 1 F 1 R 1

USE OF MATERIAL: Laminate

EMERGENCY PHONE: 860-774-9605 (Monday – Friday 8 a.m. – 5 p.m. EST)

CHEMTREC: 800-424-9300 (U.S. & Canada) (24 Hours)
703-527-3887 (International – Call Collect) (24 Hours)

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EINECS /ELINCS</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>China OEL</u>	<u>EU Classification</u>
Copper	7440-50-8	231-159-6	Varies	1.0 mg/m ³	1.0 mg/m ³	1.0 mg/m ³	NC according to 67/548/EEC
2-NAPHTHALENECARBOXYLIC ACID, 6-(ACETYLOXY)- POLYMER WITH 4-(ACETYLOXY)BENZOIC ACID	70679-92-4	Not Listed	<100	NE	NE	NA	NC according to 67/548/EC

The material contains no other hazardous ingredients as defined in OSHA's Hazard Communication Standard 29 CFR 1910.1200 or EU directive 1999/45/EC, and do not present a health or environmental hazard according to directive 67/548/EC.

3. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL: NE

LABELING REQUIREMENTS: NE

EFFECTS OF OVEREXPOSURE: None anticipated with normal handling. Molten material may cause burns. No Specific Inhalation data is available. Avoid breathing fumes of heated materials as good hygiene practices.

INHALATION: Avoid excessive inhalation.

EYE CONTACT: Irritation may occur.

SKIN CONTACT: None expected; sensitive individuals may experience irritation.

INGESTION: Not a likely route of exposure. If ingested, seek medical attention.

CHRONIC: NE

4. FIRST-AID MEASURES

INHALATION:	Remove to fresh air. Obtain medical attention if symptoms persist.
EYE CONTACT:	Flush eyes with large amounts of water for 15 to 20 minutes. Obtain medical attention if symptoms persist.
SKIN CONTACT:	If hot or molten material contact skin, cool rapidly with cold water. If stuck to skin – do not remove. Obtain medical attention and allow polymer to come off naturally. Removal of adhered polymer may result in more tissue damage.
INGESTION:	Not a likely route of exposure. Low toxicity is expected. Obtain medical attention if symptoms persist.

5. FIRE-FIGHTING MEASURES

FLASH POINT:	NA	Flammable Limits:	LEL	NA	UEL	NA
AUTOIGNITION TEMPERATURE:	540 °C (1004°F)					
EXTINGUISHING MEDIA:	<input checked="" type="checkbox"/> Water Spray <input checked="" type="checkbox"/> Dry Chemical	<input checked="" type="checkbox"/> Foam <input type="checkbox"/> Other –	<input checked="" type="checkbox"/> CO ₂			
SPECIAL FIRE FIGHTING PROCEDURES:	Firefighters should be equipped with self-contained breathing apparatus and turnout gear.					
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known.					

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Wear suitable protective equipment. Do not breathe dust. Eliminate sources of ignition. Avoid contact with skin and eyes.
ENVIRONMENTAL PRECAUTIONS:	Prevent from entering sewer system, surface water or soil.
CLEANING METHODS:	Sweep or shovel spills into appropriate container for disposal.

7. HANDLING AND STORAGE

HANDLING:	Wear suitable protective equipment. Do not breathe dust. Eliminate sources of ignition. Avoid contact with skin and eyes.
STORAGE:	Keep container tightly closed in a cool, well-ventilated area.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY PROTECTION:	None needed under normal conditions. If material is heated to decomposition temperatures or odors from heated operations are noticeable and/or irritating an organic vapor respirator meeting NIOSH requirements should be used. A qualified individual should evaluate each situation.
<u>VENTILATION</u>	
LOCAL:	Recommended for all industrial operations. If heating required.
GENERAL:	Recommended for all industrial operations.
<u>PERSONAL PROTECTION</u>	
HAND:	Heat resistant gloves to protect against hot materials.
EYE:	Safety glasses with side shields
OTHER:	Safety shower/eyewash in the area if possible tissue exposure to materials.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Film Tan/Brown
ODOR:	None
PHYSICAL STATE:	Solid
BOILING POINT:	NA
MELTING POINT:	527-635°F (275-335 °C)
FREEZING POINT:	NA
FLASH POINT:	°C (°F)
WATER SOLUBILITY:	Insoluble
VAPOR DENSITY:	NA
VAPOR PRESSURE:	NA
SPECIFIC GRAVITY:	1.4 (Water = 1)
PARTITION COEFFICIENT:	NA
EVAPORATION RATE:	NA
RELATIVE DENSITY:	NA
VISCOSITY:	NA
AUTO-IGNITION TEMPERATURE:	NA
DECOMPOSITION TEMPERATURE:	NA
PH:	NA
FLAMMABILITY:	NA

10. STABILITY AND REACTIVITY

STABLE UNSTABLE

CONDITIONS TO AVOID:	Do not heat over 750 °F (400 °C).
MATERIALS TO AVOID:	Contact with strong alkali solutions may soften material.
HAZARDOUS POLYMERIZATION:	<input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Does Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Monoxide, Carbon Dioxide, Phenol Esters, and aromatic compounds.

11. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS: NA

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATION

PHYSICAL/CHEMICAL PROPERTIES	None
AFFECTING DISPOSAL:	
ENVIRONMENTAL TOXICITY DATA:	NA
WASTE DISPOSAL METHOD:	Dispose of in accordance with applicable federal, state, provincial, and local laws and regulations.

14. TRANSPORT INFORMATION

UN NUMBER: Not Regulated
UN PROPER SHIPPING NAME: Not Regulated
HAZARD CLASS (ES): Not Regulated
PACKING GROUP: Not Regulated
ENVIRONMENTAL HAZARDS: Not Regulated

15. REGULATORY INFORMATION

INTERNATIONAL REGULATIONS:

Canadian (DSL/NDSL):	NE
Australian (ACIS):	NE
Korea (KECI):	NE
Japan (ENCS, MITI):	NE
China (SEPA):	NE
EU Directive 2002/95/EC (RoHS):	Does not contain any intentionally added substances mentioned by the RoHS directive.
European:	
Symbol	Not classified according to directive 1999/45/EC (dangerous preparations)
R-Phase(s):	NA
S-Phase(s):	NA
TSCA (<i>Toxic Substances Control Act</i>):	All materials are listed or exempt from TSCA listing.
CERCLA (<i>Comprehensive Emergency Response, Compensation, and Liability Act</i>):	NA
SARA TITLE III (<i>Superfund Amendments and Reauthorization Act</i>):	NA
311/312 HAZARD CATEGORIES:	None

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
7440-50-8	Copper	Varies

16. OTHER INFORMATION

NA = Not Applicable

FILE: 99196-ULTRALAM3000Series-07012014.doc

NE = Not Established

99196

NC = Not Classified

PREPARED BY: Carolyn Caruso

Date Revised: July 1, 2014

REVIEWED BY: Michal Werbecki

REVISED BY: Greg Sullivan

REVISION ITEMS & DATE:

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