



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 <sup>3</sup>	1.0 mg/m <sup>3</sup>	1.0 mg/m <sup>3</sup>	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	<u>NA</u>	UEL	<u>NA</u>
AUTOIGNITION TEMPERATURE:	540 °C (1004°F)					
EXTINGUISHING MEDIA:	<u>  X  </u> Water Spray	<u>  X  </u> Foam	<u>  X  </u> CO <sub>2</sub>			
	<u>  X  </u> Dry Chemical		Other –			
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 AFFECTING DISPOSAL:	None
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 (Toxic Substances Control Act):	All materials are listed or exempt from TSCA listing.
CERCLA (Comprehensive Emergency Response, Compensation, and Liability Act):	NA
SARA TITLE III (Superfund Amendments and Reauthorization Act):	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
	REVIEWED BY: Michal Werbecki
Date Revised: July 1, 2014	REVISED BY: Greg Sullivan

### REVISION ITEMS & DATE:

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