

# MATERIAL SAFETY DATA SHEET

<b>EDISON COATINGS, INC.</b> <b>3 NORTHWEST DRIVE</b> <b>PLAINVILLE, CT 06062</b> <b>(860)-747-2220</b>	IN CASE OF EMERGENCY, CALL INFOTRAC at <b>1-800-535-5053</b>	<b>HMIS RATINGS</b>	
		FIRE:	1
		HEALTH:	2
		REACTIVITY:	0
		PROTECTION:	B

## SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME:	Aquathane UA210 Types E, F, H, A/G, NCL and Type NCL/G (Part A)	D.O.T. CATEGORY:	Not regulated
PRODUCT CLASS:	Polyurethane Emulsion Based Coating	DATE OF PREPARATION:	12/7/00
PRODUCT TYPE:	Aqueous Polyurethane Coating	PREVIOUS REVISION:	1/5/11

## SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT	CONCENTRATION	CAS#	OSHA TLV
2 Butoxyethanol	<3%	111-76-2	25 ppm skin
Diethylene Glycol Monobutyl Ether	<6%	112-34-5	None Established
1-methyl-2-pyrrolidinone	<8%	872-50-4	None Established
Mixture (Polymer)	>25%	72259-70-2	None Established

SARA TITLE 3 SECTION 313:	1-methyl-2-pyrrolidone, CAS# 872-50-4 2-butoxyethanol, CAS# 111-76-2 Diethylene glycol monobutyl ether, CAS# 112-34-5
SUSPECTED CARCINOGEN:	NO DATA

## SECTION 3 - PHYSICAL DATA

PHYSICAL STATE:	Milky Liquid w/ slight ammonia odor	VAPOR PRESSURE:	Over 760 @ 20°C
SPECIFIC GRAVITY:	1.03	VAPOR DENSITY:	Lighter than air
DENSITY:	8.8 lbs/gallon	WATER SOLUBILITY:	Miscible
BOILING POINT:	212°F, water	EVAPORATION RATE (ETHER = 1): Slower	
MELTING POINT:	N/A		

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	143°F TCC (2-butoxyethanol)
FLAMMABILITY CLASSIFICATION:	OSHA Combustible Liquid; D.O.T. non-regulated
EXTINGUISHING MEDIA:	Foam, carbon dioxide, dry chemical, water fog

SPECIAL FIREFIGHTING PROCEDURES	Do not enter enclosed spaces without full bunker gear, including positive pressure NIOSH approved self-contained breathing apparatus. Cool fire with water.
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### SECTION 5 - HEALTH HAZARD DATA

<u>EFFECTS OF OVEREXPOSURE</u>	
ACUTE:	Eye Contact: Irritation. Skin Contact: May cause irritation. Ingestion: May be harmful if swallowed. Inhalation: May cause irritation of throat and lungs.
CHRONIC:	The health effects of this product have not been tested. This product is not believed to be particularly hazardous based upon its composition.

<u>EMERGENCY FIRST AID PROCEDURES:</u>	
EYES:	Flush immediately with copious quantities of running water for at least 15 min. Consult physician
SKIN:	Wash affected areas with water.
INHALATION:	Remove to fresh air.
INGESTION:	May be harmful if swallowed. Consult physician.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	Pre-existing skin, eye and lung disorders.
PRIMARY ROUTE(S) OF ENTRY:	Dermal, eye contact, inhalation.
<p>TOXICITY: 2-butoxyethanol: Toxic by ingestion. LD50, Oral-rat: 0.5-3.0 g/kg. LC50, inhalation-rat: 450 ppm/4H; LD50 skin-rabbit: 0.4 g/kg</p> <p>Although the concentration in this product is low, the high vapor pressure of 2-butoxyethanol makes it possible to exceed the TLV or PEL in the drum head space or confined areas.</p> <p>No constituents are listed as carcinogens by NTP, IARC, or OSHA.</p>	

### SECTION 6 - REACTIVITY DATA

STABILITY:	Stable
INCOMPATIBILITY:	Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Normal combustion products including carbon dioxide, carbon monoxide, and oxides of nitrogen.

### SECTION 7 - SPILL OR LEAKAGE PROCEDURES

IF MATERIAL IS SPILLED:	Remove with inert absorbent.
WASTE DISPOSAL METHOD:	Dispose in accordance with local, state, and federal regulations. This product is not a hazardous waste under RCRA Regulations (40 CFR 261), but may be regulated by other jurisdictions.

### SECTION 8 - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:	If spray mists are generated, wear NIOSH approved particulate respirator.
VENTILATION:	Normal good ventilation.
HAND PROTECTION:	Waterproof gloves are recommended for direct contact.

EYE PROTECTION:	Safety goggles.
OTHER PROTECTIVE EQUIPMENT:	No special requirements.

**SECTION 9 - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING:	Avoid opening drums in unventilated areas to avoid concentrated ammonia vapors.
OTHER PRECAUTIONS:	Do not take internally. Do not get in eyes. Avoid prolonged or repeated contact with skin.

**SECTION 10 - REGULATORY INFORMATION**

TSCA:

All components of this material are included on the Toxic Substances Control Act Inventory of Chemical Substances.  
SARA Title III 311/312: Immediate acute hazard, fire hazard

STATE LISTED COMPONENTS:

2 Butoxyethanol	111-76-2	CA, FL, IL, LA, MA, ME, MN, NJ, PA, RI
Diethylene Glycol Monobutyl Ether	112-34-5	CA, FL, IL, LA, MA, ME, MN, NJ, PA, RI