

# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

Product Name: Aquathane UA210 Types E, F, H, A/G, NCL and NCL/G (Part A)  
Product Use: Polyurethane Coating

### Company Identification

Edison Coatings, Inc.  
3 Northwest Drive  
Plainville, CT 06062

Edison Coatings Tech Info Phone: 1-860-747-2220  
Emergency Phone: 1-800-535-5053

## 2. HAZARDS IDENTIFICATION

### Primary Routes of Exposure:

Eye contact  
Ingestion  
Skin Contact  
Inhalation

### Eye Contact:

- May cause irritation

### Skin Contact:

- May cause irritation

### Ingestion:

- May be harmful if swallowed

### Inhalation:

- May cause irritation of throat or lungs

**Target Organ and Other Health Effects:**

- No information is known on relative effects on target organs.

**Carcinogens:**

- This product does not have any carcinogenic effects.

**3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS**

<b>Ingredient Name CAS-No.</b>	<b>Approx. Weight%</b>	<b>Chemical Name</b>
2-Butoxyethanol 111-76-2	<3.0%	2-Butoxyethanol
Diethylene Glycol Monobutyl Ether 112-34-5	<6.0%	Diethylene Glycol Monobutyl Ether
1-methyl-2-pyrrolidone 872-50-4	<8.0%	1-methyl-2-pyrrolidone
Mixture (polymer) 72259-70-2	>25%	2-dimethylaminoethanol

**4. First Aid Measures****Eye Contact:**

Flush eyes with plenty of water for 15 min. while holding eyelids open. Get medical attention.

**Skin Contact:**

Wash affected areas with cool water.

**Ingestion:**

May be harmful if swallowed. Consult a physician.

**Inhalation:**

Remove victim to fresh air.

**Medical Conditions Aggravated by Exposure:**

Pre-existing skin, eye, and lung disorders may be aggravated by this product.

## **5. FIRE FIGHTING MEASURES**

### **Extinguishing Media:**

Foam, carbon dioxide, dry chemical, water fog

### **Unusual fire and explosion hazards:**

None

### **Fire Fighting Procedures:**

Do not enter enclosed spaces without full bunker gear, including positive pressure NIOSH approved self-contained breathing apparatus. Cool fire with water.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Action to be taken if material is released or spilled:**

If the material is spilled, remove with an inert absorbent.

## **7. HANDLING AND STORAGE**

### **Precautions to be taken in handling and storage:**

Normal temperatures do not affect the material. Avoid breakage of packaged material or spills of bulk material. Avoid opening drums in unventilated areas to avoid concentrated ammonia vapors.

## **8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS**

### **Personal Protective Equipment**

#### **Eye and Face Protection:**

Safety goggles.

#### **Skin Protection:**

Industrial work clothes should be worn. Waterproof gloves are recommended for direct contact.

#### **Other Personal Protection Data:**

Eye wash fountains and safety showers should be available for emergency use. No other special requirements are necessary.

#### **Respiratory Protection:**

If spray mists are generated, wear NIOSH approved particulate respirator.

#### **Ventilation:**

Use local exhaust or general dilution ventilation to control exposure within applicable limits.

## Exposure Guidelines

There is no data available on either OSHA Permissible Exposure Limits (PEL's) or ACGIH Threshold Limit Value (TLV's) for components of product.

## 9. PHYSICAL PROPERTIES

Odor:	Slight Ammonia odor
Physical State:	Liquid
pH:	Not Determined
Vapor Pressure (mmHg):	>760 at 20°C
Vapor Density (Air=1):	Lighter than air
Boiling Point:	212°F
Solubility in Water:	Miscible
Coefficient of water/oil distribution:	Not Determined
Density (grams per milliliter):	1.05
Evaporation Rate (Ether=1):	Slower
Flash Point (Fahrenheit):	>143
Flash Point (Celsius):	>61
Lower Explosive Limit (%):	Not Determined
Upper Explosive Limit (%):	Not Determined
Autoignition temperature:	Not Determined

## 10. STABILITY AND REACTIVITY

Stability:	All components are stable.
Conditions to Avoid:	Sub-freezing temperatures
Incompatibility:	Strong oxidizing agents
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Normal decomposition products include carbon dioxide, carbon monoxide, and oxides of nitrogen.
Sensitivity to static discharge:	Not determined.

## 11. TOXICOLOGICAL INFORMATION

### Toxicity

2-butoxyethanol is 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

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 of confined areas.

**Mutagens/Teratogens/Carcinogens:**

This product is not listed as a carcinogen by NTP, OSHA, or IARC. No constituents of this product are listed as carcinogens by NTP, OSHA, or IARC.

**12. ECOLOGICAL DATA**

No information on ecology is available.

**13. DISPOSAL CONSIDERATIONS**

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.

**14. TRANSPORTATION INFORMATION**

No information on transportation is available.

**15. 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

**16. OTHER INFORMATION**

Effective Date: 18/Apr/2016  
Revision Date: 08/Jan/2014