

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Silquathane 222
Product Use: Polyurethane and Silicone Water Based 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

Hazard Classification (GHS)

Flammable Liquids.....Category 4

Physical Hazards Not Classified

Health Hazards Sensitization, skin and eye

OSHA Defined Hazards Not Classified

Label Elements Hazard Pictograms



Signal Word: **WARNING**

Hazards

Combustible Liquid.
May cause skin and eye irritation.

Precautionary Statements

Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources
Wash thoroughly after handling.
Wear protective gloves/clothing/eye protection/face protection.

Response

IF SWALLOWED: Do not induce vomiting. If conscious, have victim drink plenty of water and call a physician immediately.
IF ON SKIN: Wash with soap and water. If skin irritation occurs: Get medical advice.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

Storage

Store in dry, cool environment.

Disposal

Dispose of contents in accordance with local regulations.

Other Hazards

No data available

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight%	Chemical Name
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):	161
Flash Point (Celsius):	71.6
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

US DOT & Canada TDG Surface

Valuation.....: Not regulated for transport

Other Information.....: Protect from freezing, when exposed to cold temperatures approaching 0 °C (32 °F) or below.

This material does not sustain combustion.

Transport by sea IMDG-Code

Valuation.....: Not regulated for transport

Air transport ICAO-TI/IATA-DGR

Valuation.....: Not regulated for transport

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
Diethylamine	109-89-7	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: 08/Jan/2014

Revision Date: 29/Sep/2022