Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name:	ICE Minus 9 (RL-9)
Product Use:	Freeze-Thaw Resistance Amendment

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

Physical Hazards	Not Classified
Health Hazards	Sensitization, skin
OSHA Defined Hazards	Not Classified

Label Elements
Hazard Pictograms

Signal Word: **WARNING**

Hazards
May cause skin irritation.

Precautionary Statements

Prevention
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**
Ammonia 7664-41-7	<0.2%	Ammonia

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:
There are no known pre-existing medical conditions 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:
A face shield should be worn. Firefighters should wear butyl rubber boots, gloves, and body suit and a self-contained breathing apparatus.

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. Gloves should be worn when handling this product.

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):	>200
Flash Point (Celsius):	>93
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

Ammonia is toxic by ingestion.
LD50, Oral-rat: 350 mg/kg.
LCLo, inhalation-rat: 2000 ppm/4H

Although the concentration in this product is low, the high vapor pressure of ammonia makes it possible to exceed the TLV or PEL in the drum head space of confined areas. The liberation of ammonia may be retarded because of chemical neutralization in the product.

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

DOT Non-Bulk : Not Regulated
IATA : Not Regulated
IMDG : Not Regulated

15. REGULATORY INFORMATION

TSCA
All components of this material are included on the Toxic Substances Control Act Inventory of Chemical Substances.

16. OTHER INFORMATION

Effective Date:	18/Apr/2016
Revision Date:	29/Sep/2017