Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name:	Type G Additive
Product Use:	Silane

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:

- Causes severe irritation and corneal injury

Skin Contact:

- May cause irritation

Ingestion:

- May cause gastrointestinal irritation, and large amounts may cause serious harm

Inhalation:

- May cause irritation of nasal or respiratory passages

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

Ingredient Name **CAS-No.**	**Approx.** **Weight%**	**Chemical Name**
Silane, 3-(Glycidoxypropyl)methoxy 2530-83-8	100.0%	3-(Glycidoxypropyl)methoxysilane

4. First Aid Measures

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

Skin Contact:
Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

Ingestion:
Immediately drink two glasses of water and induce vomiting by either giving IPECAC syrup or by placing finger at the back of throat. Never give anything by mouth to an unconscious person. Get medical attention.

Inhalation:
If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get medical attention.

Medical Conditions Aggravated by Exposure:
There is no data about pre-existing medical conditions being aggravated by exposure to this product.

5. FIRE FIGHTING MEASURES

Extinguishing Media:
Regular foam or carbon dioxide

Unusual fire and explosion hazards:
Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

Fire Fighting Procedures:
Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode when fighting fires.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:
In the event of a small spill, absorb liquid or vermiculate, floor absorbent, or other absorbent and transfer to hood. In the event of a large spill, eliminate all ignition sources. Persons not wearing protective equipment should be evacuated from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams, or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spill product to clean containers for disposal.

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.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and Face Protection:
Chemical splash goggles in compliance with OSHA regulations are advised. However, OSHA regulations also permit other type safety glasses. Consult your safety representative.

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 workplace exposure limits of product or any component is exceeded, a NIOSH/MSHA-approved, air-supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

Ventilation:
Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

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:	Mild
Physical State:	Liquid
pH:	Not Determined
Vapor Pressure (mmHg):	<1 at 68°F
Vapor Density (Air=1):	>1
Boiling Point:	554°F
Solubility in Water:	Miscible
Coefficient of water/oil distribution:	Not Determined
Density (grams per milliliter):	1.07
Evaporation Rate (Ether=1):	Slower
Flash Point (Fahrenheit):	>276
Flash Point (Celsius):	>135
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, strong mineral acids, water-liberates methanol
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Normal decomposition products include carbon dioxide, carbon monoxide, hydrocarbons and silicon dioxide
Sensitivity to static discharge:	Not determined.

11. TOXICOLOGICAL INFORMATION

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.

14. TRANSPORTATION INFORMATION

No information on transportation is available.

15. REGULATORY INFORMATION

No regulatory information is available.

16. OTHER INFORMATION

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