

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Flexi-Bond540, 545 Part B
Product Use: Curing Agent for Flexi-Bond 540, 545 Part A

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

This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

Acute Toxicity – Category 4 – Oral

Skin Irritation – Category 2

Eye Irritation – Category 2A

Skin Sensitization – Category 1

Chronic Hazards to the Aquatic Environment – Category 2

Label Elements

Hazard Pictograms



Signal Word: **DANGER!**

Hazards

Harmful in contact with skin.
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
Fatal if inhaled.
May cause respiratory irritation.
Suspected of damaging fertility or the unborn child.

Precautionary Statements**Prevention**

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash skin thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
Wear respiratory protection.

Response

IF SWALLOWED: Rinse Mouth. DO NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable breathing. Immediately call a POISON CENTER/doctor.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
IF EXPOSED OR CONCERNED: Get medical advice/attention.
IF SKIN IRRITATION OR RASH OCCURS: Get medical advice/attention.
Wash contaminated clothing before reuse.

Storage

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Disposal

Dispose of contents/container to an approved waste disposal plant.

Other Hazards

No data available

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight%	Chemical Name
Nonylphenol 25154-52-3	<10%	4-(2,4-dimethylheptan-3-yl)phenol
Tetraethylenepentamine 112-57-2	<10%	Tetraethylenepentamine
Hydrogenated Formaldehyde polymer with benzenamine 135108-88-2	>30%	-

4. First Aid Measures

Eye Contact:

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

Skin Contact:

Remove contaminated clothing and wipe excess from skin. Flush skin with water. Cover the affected area with a sterile dressing or clean sheeting and transport for medical care. Do not apply greases or ointments. Control shock, if present. Launder contaminated clothing before reuse.

Ingestion:

Do not induce vomiting. In the event of ingestion, administer 3-4 glasses of milk or water. Seek medical attention.

Inhalation:

Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

Medical Conditions Aggravated by Exposure:

Pre-existing eye, skin and respiratory disorders.

5. FIRE FIGHTING MEASURES

Extinguishing Media:

Water spray, Alcohol foam, dry chemical, Carbon Dioxide (CO₂)

Unusual fire and explosion hazards:

May generate toxic or irritating combustion products, carbon monoxide gas, toxic nitrogen oxide gases, or ammonia gas. Personnel in vicinity and downwind should be evacuated.

Fire Fighting Procedures:

Material will not burn unless preheated. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots) and a positive pressure NIOSH-approved, self-contained breathing apparatus. Cool fire-exposed containers with water.

6. ACCIDENTAL RELEASE MEASURES**Action to be taken if material is released or spilled:**

Use cautious judgment when cleaning up large spills. When dealing with large spills, wear respirator and protective clothing as appropriate. Shut off source of leak if safe to do so. Dike and contain. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand, or other suitable material; dispose of properly. Flush area with water to remove trace residue. When dealing with small spills, take up with an absorbent material and dispose of properly.

7. HANDLING AND STORAGE**Precautions to be taken in handling and storage:**

Store in a cool, dry place with adequate ventilation. Keep away from acids and oxidizers. Store in steel containers preferably located outdoors, above ground, and surrounded by dikes to contain spills or leaks. Do not store in iron or other reactive metal containers.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS**Personal Protective Equipment****Eye and Face Protection:**

Wear chemical goggles along with a full face shield.

Skin Protection:

Wear chemical resistant gloves as required to minimize contact. Wear industry appropriate attire.

Other Personal Protection Data:

Eye wash fountains and safety showers should be available for emergency use. Usual industrial work clothes should be worn.

Respiratory Protection:

Avoid breathing vapor or mists. If exposure may or does exceed occupational exposure limits, use a NIOSH-approved respirator to prevent overexposure.

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:	Normal for this product.
Physical State:	Amber-colored Liquid
pH:	Alkaline
Vapor Pressure (mmHg):	<2.0
Vapor Density (Air=1):	Not Determined
Boiling Point:	>385°F
Solubility in Water:	<1%
Coefficient of water/oil distribution:	Not Determined
Density (grams per milliliter):	0.97
Evaporation Rate (Ether=1):	Not Determined
Flash Point (Fahrenheit):	>267°F
Flash Point (Celsius):	>130°C
Lower Explosive Limit (%):	Not Determined
Upper Explosive Limit (%):	Not Determined
Autoignition temperature:	Not Determined

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Heat, open flame
Incompatibility:	Strong oxidizing agents, strong acids, strong bases
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon Monoxide, Carbon Dioxide, Aldehydes, and Acids
Sensitivity to static discharge:	Not determined.

11. TOXICOLOGICAL INFORMATION

Mutagens/Teratogens/Carcinogens:

This product is not known to have mutagenic or carcinogenic effects.

12. ECOLOGICAL DATA

No information on ecology is available.

13. DISPOSAL CONSIDERATIONS

Disposal methods: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

14. TRANSPORTATION INFORMATION

DOT

Proper shipping name	Corrosive Liquids, n.o.s.* (Contains Modified Polyamines)
UN Number	UN 1760
Class	8
Packing Group	III

Classification for AIR Transport (IATA/ICAO)

Proper shipping name	Corrosive Liquids, n.o.s.* (Contains Modified Polyamines)
UN Number	UN 1760
Class	8
Packing Group	III

15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA)–

All components are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

OSHA Hazard Communication Standard

This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

Acute Health Hazard

Chronic Health Hazard

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

This product contains the following substances which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and which are listed in 40 CFR 372.

Components	CASRN
Bisphenol A	80-05-7

Pennsylvania Worker and Community Right-to-Know Act:

The following chemicals are listed because of the additional requirements of Pennsylvania law:

Components	CASRN
Diethylenetriamine	111-40-0
Aminoethylpiperazine	140-31-8

CALIFORNIA PROPOSITION 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

WARNING: This product contains a chemical(s) known to the State of California to cause birth defects or other reproductive harm.

Components	CASRN
Bisphenol A	80-05-7

16. OTHER INFORMATION

Effective Date:	26/Feb/2014
Revision Date:	20/Apr/2017