

Material Safety Data Sheet

Enviro-Poxy EP100 Epoxy Floor Coatings (Part A)

Section 1 – Product And Company Identification

Product Name : Enviro Poxy EP100 Two Component 100% Solids Epoxy Coatings (Part A)
Product Use : High gloss commercial and industrial floor coatings
Manufacturer : Enviro Epoxy Products Inc.
2 – 90 Nolan Court, Markham, Ontario, Canada L3R 4L9
Emergency Tel # : 905 305 – 8551

Section 2 – Hazards Identification

2.1 *** Emergency Overview *** : Irritant.

2.2 Potential Health Hazards : Effects of Overexposure

Primary Routes of Entry

Eye Contact : May cause eye injury which may persist for several days.

Skin Contact : May cause reddening and swelling and/or sensitization.

May cause allergic skin reaction in certain individuals.

Inhalation : No specific information available.

Ingestion : Slightly toxic, SEE LD50

Medical conditions that maybe aggravated by exposure to this product : Pre-existing eye, skin, conditions can be aggravated.

2.3 Effects of Chronic Exposure : Recent 2 years bioassays in rats and mice exposed by the dermal route to the diglycidyl ether of bisphenol A yielded no evidence of carcinogenicity to the skin or any other organs.

Section 3 – Composition of Ingredients

	Range wt.	CAS #
Bisphenol A	60 – 100	25068-38-6
O-Cresol Glycidylether	15 – 40	2210-79-9
2 – Ethylhexyl acrylate	0.1 – 1.0	26376-86-3
Acrylate copolymer	1 – 5	
Nepheline syenite	5 – 10	37244-96-5
Magnesium Aluminum silicate	1 – 5	8031-18-3

Section 4 – First Aid Measures

Eyes : Flush with water for 15 minutes, Seek medical attention for any significant overexposure.

Skin : Wash with soap and warm water. If irritation occurs, consult a physician.

Inhalation : If affected, remove to fresh air and consult a physician.

Ingestion : Seek medical attention.

Section 5 – Fire and Explosion Data

Flammability : Non-flammable

Flash Point : > 200 °F

Means of Extinction : Foam, CO₂, Dry chemical

Upper & Lower Explosion Limit : Not available

Auto – ignition Temperature : Not available

TDG Classification : Not Regulated

Hazardous Comb. Products : CO, CO₂

Explosion Data:

Sensitivity to Mechanical Impact : Not sensitive

Sensitivity to Static Discharge : Not sensitive

Section 6 – Accidental Release Measures

Leak & Spill Procedure: Scrape up and containerize. Clean residue with warm, soapy water.

Section 7 – Handling and Storage

Handling : Avoid contact with eyes, skin, clothing and avoid prolonged breathing of vapors

Storage : Keep lid closed, store at 50 – 80°F

Section 8 – Exposure Controls and Personal Protection

Engineering Controls : General dilution ventilation.

Personal Protective Equipment:

Eyes : Chemical splash goggles

Skin : Impervious gloves (Neoprene)

Inhalation : General dilution ventilation

Other : Impervious body covering

Section 9 – Physical and Chemical Properties

Physical State : Liquid

Odor Threshold : Not established

Vapor Pressure : <0.13 Kpa at 20°C(68°F)

Evaporation Rate : Not established

Freezing Point : Not established

Density : 1.46 kg/liter

Odor and Appearance : Mild epoxy, opaque

Specific Gravity : 1.46

Vapor Density : Not established

Boiling Point : Not established

PH : Not established

Coefficient of H₂O/Oil : Not applicable

Section 10 – Stability and Reactivity

Chemical Stability : Stable

Incompatibility with other substances : Base materials

Conditions of Reactivity : Excessive heat, contamination with strong acids, bases, amines

Mercaptans can cause polymerization

Hazardous Decomposition Products : CO, CO₂

Section 11 – Toxicological Information

	Range wt.	CAS #	LD50(species & route)
Bisphenol A	60 – 100	25068-38-6	Not available
O-Cresol Glycidylether	15 – 40	2210-79-9	Approx 2.50g/kg (rat, oral)
2 – Ethylhexyl acrylate	0.1 – 1.0	26376-86-3	Not available
Acrylate copolymer	1 – 5		
Nepheline syenite	5 – 10	37244-96-5	Not available
Magnesium Aluminum silicate	1 – 5	8031-18-3	Not available

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Ingestion : Slightly toxic, SEE LD50

Section 12 – Ecological Information

Do not allow product or any runoff from fire control to enter storm or sanitary sewers, lakes, rivers, or public waterways. Federal regulations and other agencies may require to be notified of a spill incident.

Section 13 – Disposal Information

Waste Disposal : In accordance with all regulations

Section 14 – Transportation Information

PRODUCT IDENTIFICATION NUMBER (PIN): Not regulated

LAND TRANSPORT ADR/RID: No classification assigned

AIR TRANSPORT IATA/ICAO: No classification assigned

MARITIME TRANSPORT IMDG: No classification assigned

DOT/TDG PROPER SHIPPING NAME: EPOXY RESIN, LIQUID

Section 15 – Regulatory Information

WHMIS Information : Health – 2; Flammability – 1; Reactivity – 0

Section 16 – Other Information

Date Prepared : April 1, 2014

It is the user's responsibility to verify the accuracy and suitability of the above information for all possible uses, foreseen and unforeseen.