

98610

Material Safety Data Sheet

PC-SUPEREPOXY PART A

MSDS No. 010926-04

Date of Preparation: 09/26/01

Revision: 04

Section 1 - Chemical Product and Company Identification**Section 1 - Chemical Product and Company Identification**

Product/Chemical Name: PC SuperEpoxy, Part A
Chemical Formula: Mixture
CAS Number: Mixture
General Use: Adhesive

HMIS

H #

F #

R #

PPE†

†Sec. 8

Manufacturer: Protective Coating Company, Inc., 221 S. Third St., Allentown, PA 18102-4922, Phone (610) 432-3543, FAX (610) 432-5043 (9AM-5PM EST)

HMIS

H 1

F 1

R 1

PPE†B

†Sec. 8

Section 2 - Composition / Information on Ingredients**Ingredient Name****CAS Number**

Bisphenol A Epoxy Resin

25068-38-6

Epoxy Resin

Proprietary

Acrylated Polyols

3524-68-3

Modified Bisphenol A Epoxy Resin

Proprietary

Aliphatic Glycidyl Ethers

120547-52-6

Toxicity Data:

Lethal Dose Information(mg/kg)		Oral	Skin	Inhale	LC5
Bisphenol A Epoxy Resin	Rat	11400.00	20.00	N/EST	N/EST
Bisphenol A Epoxy Resin	Rat	11400.00	20.00	N/EST	N/EST
Acrylated Polyols	Rat	1500	2000	N/EST	N/EST
Modified Bisphenol A Epoxy Resin		N/EST	N/EST	N/EST	N/EST
Aliphatic Glycidyl Ethers	Rat	19200.00	>4500	No data	No data

Section 3 - Physical and Chemical Properties**Physical State:** Paste**Water Solubility:** Insoluble in water**Appearance and Odor:** Blue, mild odor**Other Solubilities:** alcohols**Density:** 9.5 lbs./gallon**Boiling Point:** No data**Specific Gravity (H₂O=1, at 4 °C):** 1.15**% Volatile:** < 1 %**Section 4 - Fire-Fighting Measures****Flash Point:** 480° F**Flash Point Method:** Closed Cup**Flammability Classification:** III B**Extinguishing Media:** Water spray, CO₂, dry chemicals.**Unusual Fire or Explosion Hazards:** None known.**Hazardous Combustion Products:** Carbon monoxide, carbon dioxide, aldehydes**Fire-Fighting Instructions:** Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

Section 5 - Stability and Reactivity

Stability: PC SuperEpoxy, Part A is stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization cannot occur.

Chemical Incompatibilities: Exposure to strong acids or bases

Conditions to Avoid: Excessive heat over long periods of time.

Hazardous Decomposition Products: Thermal oxidative decomposition of PC SuperEpoxy, Part A can produce CO, aldehydes, acids, oxides of nitrogen.

Section 6 - Health Hazard Information

Potential Health Effects

Acute Effects

Inhalation: none

Eye: moderate eye irritation or sensitization.

Skin: moderate skin irritation or sensitization.

Ingestion: possible irritation.

Carcinogenicity: IARC, NTP, and OSHA do not list PC SuperEpoxy, Part A as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure: skin and eye conditions.

Emergency and First Aid Procedures

Inhalation: Remove to fresh air.

Eye Contact: Flush with water, consult a physician.

Skin Contact: Wash with water, consult a physician.

Ingestion: Seek medical advice.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 7 - Spill, Leak, and Disposal Procedures

Spill /Leak Procedures: Dispose of in normal manner.

Disposal: Incinerate in furnace or bury in landfill according to applicable Federal, state, and local regulations.

Section 8 - Exposure Controls / Personal Protection

Ventilation: Provide general or local exhaust ventilation if cured product is sanded or ground.

Respiratory Protection: Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles.

Section 9 - Special Precautions and Comments

Handling Precautions:

Right – to – know: The non-hazardous ingredients in this product subject to the Pennsylvania, New Jersey, and or right know laws are: None.

Storage Requirements: Storage temperature: < 90° F(32°C). Store in a cool, dry, well ventilated area.

Prepared By: Charles Moloney

Revision Notes:

Disclaimer: The above information is given in good faith. No warranty expressed or implied is made.

Material Safety Data Sheet

PC-SUPEREPOXY PART B

MSDS No. 010926-04

Date of Preparation: 09/26/01

Revision: 04

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: PC SuperEpoxy, Part B

Chemical Formula: Mixture

CAS Number: Mixture

General Use: Adhesive

Manufacturer: Protective Coating Company, Inc., 221 S. Third St., Allentown, PA 18102-4922, Phone (610) 432-3543, FAX (610) 432-5043 (9AM-5PM EST)

HMIS
H 2
F 1
R 1
PPE † B
†Sec. 8

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	Limits
N-Aminoethyl piperazine	140-31-8	N/E
Amine Terminated Liquid Copolymer	68683-29-4	N/E
Nonyl Phenol	25154-52-3	N/E
Diisodecyl Phthalate	120547-52-6	N/E

Toxicity Data:

Lethal Dose Information(mg/kg)	Oral	Skin	Inhale	LC50
N-Aminoethyl piperazine	2150.00 rat	900. rabbit	No data	No data
Amine Terminated Liquid Copolymer	No data	No data	No data	No data
Nonyl Phenol	580.00 rat	2140. rabbit	No data	No data
Diisodecyl Phthalate	No data	No data	No data	No data

Section 3 - Physical and Chemical Properties

Physical State: Paste

Appearance and Odor: yellow, slight amine odor.

Density: 8.5 lbs./ gallon

Specific Gravity (H₂O=1, at 4 °C): 1.02

Water Solubility: Insoluble in water

Other Solubilities: alcohols

Boiling Point: No data

% Volatile: < 1 %

Section 4 - Fire-Fighting Measures

Flash Point: 230° F, (110° C)

Flash Point Method: Closed Cup

Flammability Classification: IIIB

Extinguishing Media: Water spray, CO₂, dry chemicals.

Unusual Fire or Explosion Hazards: None known.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, aldehydes

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

Unusual Fire or Explosion Hazards:

Hazardous Combustion Products:

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

Section 5 - Stability and Reactivity

Stability: PC SuperEpoxy, Part B is stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization cannot occur.

Chemical Incompatibilities: Exposure to strong acids or bases

Conditions to Avoid: Excessive heat over long periods of time.

Hazardous Decomposition Products: Thermal oxidative decomposition of PC SuperEpoxy, Part B.

Section 6 - Health Hazard Information

Potential Health Effects

Acute Effects

Inhalation: none

Eye: moderate eye irritation or sensitization.

Skin: moderate skin irritation or sensitization.

Ingestion: possible irritation.

Carcinogenicity: IARC, NTP, and OSHA do not list PC SuperEpoxy, Part B as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure: skin and eye conditions.

Emergency and First Aid Procedures

Inhalation: Remove to fresh air.

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Ingestion: Seek medical advice.

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Section 7 - Spill, Leak, and Disposal Procedures

Spill /Leak Procedures: Dispose of in normal manner.

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Section 8 - Exposure Controls / Personal Protection

Ventilation: Provide general or local exhaust ventilation if cured product is sanded or ground.

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Section 9 - Special Precautions and Comments

Handling Precautions:

Right - to - know: The non-hazardous ingredients in this product subject to the Pennsylvania, New Jersey, and or right know laws are: None.

Storage Requirements: Storage temperature: < 90° F(32°C). Store in a cool, dry, well ventilated area.

Canadian DSL: Aminoethyl piperzine is classified as D2B

Prepared By: Charles Moloney

Revision Notes:

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