

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072



IDENTITY (As Used on Label and List) PC-7 Part A

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name: Protective Coating Co. Address: 221 S. Third St., Allentown, PA 18102. Emergency Telephone Number: (215) 432-3543. Telephone Number for Information: (215) 432-3543. Date Prepared: 4/26/97. Signature of Preparer: Stephen Long

Section II - Hazardous Ingredients/Identity Information

Table with 5 columns: Hazardous Components, OSHA PEL, ACGIH TLV, Other Limits Recommended, % (optional). Rows include DIGLYCIDYL Ether of Bisphenol A, MAGNESIUM SILICATE, and DIISODECYL PHTHALATE.

Section III - Physical/Chemical Characteristics

Boiling Point: > 200 C. Specific Gravity: 1.3 (@ 25C). Vapor Pressure: CA 1MM HG@180 C. Melting Point: Not Determined. Vapor Density: Heavier Than Air. Evaporation Rate: Not Determined. Solubility in Water: Negligible. Appearance and Odor: Light Grey Thixotropic Paste, Slight Odor.

Section IV - Fire and Explosion Hazard Data

Flash Point: 490°F (Closed Cup). Flammable Limits: Not Established. LEL: N/A. UEL: N/A. Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Spray. Special Fire Fighting Procedures: Use Self-Contained Breathing Apparatus.

Unusual Fire and Explosion Hazards: None Known

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	Excess Heat Over Long Periods Of Time Degrades The Resin

Incompatibility (Materials to Avoid)

Strong Oxidizers, Acids, and Bases

Hazardous Decomposition or Byproducts

Carbon Monoxide, Carbon Dioxide, Aldehydes

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	Strong Acids or Bases In Bulk

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
		X	

Health Hazards (Acute and Chronic)

Moderate Skin Irritation or Sensitization Possible

Possible Redness of Skin, Rash, Itching, Allergy, Eczema Skin Conditions

Carcinogenicity:	NTP? (None)	IARC Monographs? (None)	OSHA Regulated? (NOT Regulated)
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(Not a Known Cancer Hazard, and Not on Pennsylvania Hazardous Substance List)

Signs and Symptoms of Exposure

Possible Irritation, Rash, or Asthmatic-Type Response in Sensitized Persons

With Frequent and Prolonged Contact With The Skin

Medical Conditions Generally Aggravated by Exposure Skin and Eye Conditions

Emergency and First Aid Procedures
 Wash with soap and water, remove contaminated clothing and launder before re-use. Flush eyes with water for 15 minutes - Call Physician

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Remove Spillage By Absorbing In Absorbant Material

Waste Disposal Method Dispose In Accordance To Local Government Regulations

Precautions to Be Taken in Handling and Storing
 Avoid contact with skin and eyes. Store in cool, dry area in closed containers.

Other Precautions No Special Shipping Information Needed.

Section VIII - Control Measures

Respiratory Protection (Specify Type) Use approved NIOSH DUST MASK when sanding, or sawing - Nuisance dust may be present when sanding or sawing cured material.

Ventilation	Local Exhaust	Good general ventilation is sufficient for most conditions.	Special	None Needed
	Mechanical (General)	Not Needed	Other	N/A

Protective Gloves For brief contact - No Precaution Necessary. Use impervious (rubber) gloves for prolonged contact.

Eye Protection If contact with eyes is possible - WEAR protective safety glasses/goggles.

Protective Clothing or Equipment None usually needed under normal working conditions. Barrier cream on skin helpful if continuous contact with epoxy is expected.

Work Hygienic Practices Keep work area, clothing, and skin clean and free of uncured epoxy.

The above information is given in good faith, but no warranty express or implied is made.

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OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
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IDENTITY (As Used on Label and List)

PC-7 Part B

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information is available, the space must be marked to indicate that

Section I

Manufacturer's Name Protective Coating Co.	Emergency Telephone Number (215) 432-3543
Address (Number, Street, City, State, and ZIP Code) 221 S. Third St.	Telephone Number for Information (215) 432-3543
Allentown, PA 18102	Date Prepared 4/26/90
	Signature of Approver (optional) <i>Steve</i> Stephen Long

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
1. ALIPHATIC POLYAMINOAMIDE (Polyamide Hardener)				
CAS #68410-23-1	N/A	N/A	N/A	
2. MAGNESIUM SILICATE (TALC)				
CAS #14807-96-6	N/A	N/A	N/A	
3. PICCOLASTIC POLYSTYRENE (Hydrocarbon Resin)				
CAS #9003-53-6	N/A	N/A	N/A	
4. ALUMINUM SILICATE (Clay)				
CAS #1332-58-7	N/A	N/A	N/A	

Section III — Physical/Chemical Characteristics

Boiling Point >200 C	Specific Gravity (H ₂ O = 1) @ 25 C, 1.17
Vapor Pressure (mm Hg.) <15mm Hg. @ 20 C	Melting Point Not Determined
Vapor Density (AIR = 1) Heavier Than Air	Evaporation Rate (Butyl Acetate = 1) Not Determined
Solubility in Water Very Slight	
Appearance and Odor Black Thixotropic Paste, Slight Amine Odor	

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) >200 F (Closed Cup)	Flammable Limits Not Established	LEL N/A	UEL N/A
Extinguishing Media Carbon Dioxide, Dry Chemical, Foam, Water Spray			
Special Fire Fighting Procedures Use Self-Contained Breathing Apparatus			
Unusual Fire and Explosion Hazards None Known			

PART "B"

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Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	Excessive Heat For Prolonged Periods Of Time

Incompatibility (Materials to Avoid)

Strong Oxidizing Agents, Acids

Hazardous Decomposition or Byproducts

Carbon Dioxide, Carbon Monoxide, Aldehydes, Nitrogen Oxide

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	NONE

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
		X	

Health Hazards (Acute and Chronic)

Moderate Skin Irritation or Sensitization Possible

Possible Redness of Skin, Rash, Itching, Allergy, Eczema Skin Conditions

Carcinogenicity:	NTP? (None)	IARC Monographs? (None)	OSHA Regulated? (Not Regulated)
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(Not A Known Cancer Hazard, and Not On Pennsylvania Hazardous Substance List)

Signs and Symptoms of Exposure

Possible Irritation, Rash, or Asthmatic-Type Response In Sensitized Persons

With Frequent and Prolonged Contact With The Skin

Medical Conditions

Generally Aggravated by Exposure Skin And Eye Conditions

Emergency and First Aid Procedures

Wash with soap and water, remove contaminated clothing and launder before re-use. Flush eyes with water for 15 minutes. Call Physician

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Remove Spillage By Absorbing In Absorbent

Material.

Waste Disposal Method

Dispose In Accordance To Local Government Regulations

Precautions to Be Taken in Handling and Storing

Avoid Contact With Skin And Eyes. Store In Cool Dry Area In Closed Containers.

Other Precautions

No Special Shipping Information Needed.

Section VIII - Control Measures

Respiratory Protection (Specify Type) Use approved NIOSH DUST MASK when sanding, or sawing - Nuisance dust may be present when sanding or sawing cured material.

Ventilation	Local Exhaust Good general ventilation is sufficient for most conditions.	Special	(Not Needed)
	Mechanical (General)	(Not Needed)	Other N/A

Protective Gloves For brief contact - No Precaution Necessary. Use impervious (rubber) gloves for prolonged contact.

Eye Protection If contact with eyes is possible - wear protective safety glasses/goggles.

Other Protective Clothing or Equipment None usually needed under normal working conditions. Barrier cream on skin helpful if continuous contact with epoxy is continuous.

Work/Hygiene Practices

Keep work area, clothing, and skin clean and free of uncured epoxy.

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