

MATERIAL SAFETY DATA SHEET

Product Name: PSC 2102 WB ColorCoat / RESIN

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WB ColorCoat
SYNONYMS: Epoxy Resin
PRODUCT USE / CLASS: Epoxy Coating

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SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

WB Epoxy Primer / RESIN

HAZARDOUS INGREDIENTS

	C.A.S.#	WEIGHT %
Bisphenol A-(epichlorhydrin) Epoxy Resin	25068-38-06	25 - 45
Benzyl Alcohol	100-51-6	0 – 2
Polymer Phenol with formaldehyde	28064-14-4	5 – 10

SECTION 3: HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Moderate irritant

SKIN CONTACT: May Irritate

INHALATION: Irritant to respiratory tract

INGESTION: Low toxicity. May cause irritation to the gastrointestinal tract.

GENERAL: Repeated skin contact may cause a persistent irritation or dermatitis, or an allergic skin reaction. Contains ethanol, which may cause birth defects or other adverse effects on pregnancy.

WHMIS Symbols



SECTION 4: FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water for at least 15 minutes. Get medical attention.

SKIN CONTACT: Wash with soap and water or use waterless hand cleaners. Do not use solvents or thinners to clean skin. Get medical attention if irritation persists.

INHALATION: Should symptoms develop, remove victim to fresh air. If breathing is difficult, qualified personnel may administer oxygen. If victim is not breathing start artificial respiration. Get medical attention.

INGESTION: Do not induce vomiting unless directed by a physician. Get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: N/A **LOWER EXPLOSIVE LIMIT:** N/A

FLASH POINT METHOD: N/A **UPPER EXPLOSIVE LIMIT:** N/A

OSHA FLAMMABILITY CLASSIFICATION: N/A **AUTOIGNITION TEMPERATURE:** N/A

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical or CO₂

FIRE FIGHTING PROCEDURES: Wear self-contained positive pressure breathing apparatus, (MSHA / NIOSH approved or equivalent) and full protective gear. Containers can build up pressure if exposed to heat. Cool with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Use personal protective equipment as described in Section 8. Absorb spills with inert material and place in a chemical waste container. Obey relevant local, state, provincial, and federal laws and regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING: Avoid all personal contact. Use personal protective equipment as described in Section 8. Use adequate ventilation. For industrial use only.

STORAGE: Keep away from heat. Keep containers tightly closed.

SECTION 8: PERSONAL PROTECTION

EXPOSURE LIMITS

	OSHA (PEL)	ACGIH (TLV)
Epoxy Resin	Not Established	Not Established
Benzyl Alcohol	Not Established	Not Established
Phenol, Polymer with formaldehyde	Not Established	Not Established

RESPIRATORY PROTECTION

Use adequate ventilation
Respiratory protection meeting OSHA 1910.134 and ANSI Z88.2 or applicable federal / provincial requirements must be followed whenever workplace conditions warrant a respirator use.

EYE PROTECTION:

SKIN PROTECTION: Use chemical splash goggles

OTHER PROTECTIVE EQUIPMENT: Use impermeable gloves

Wear protective apron if splashing or repeated contact is likely.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE:	N/A	VISCOSITY:	N/A
VAPOR DENSITY:	N/A	VOC CONTENT (lbs / gal)	0.0
BOILING POINT:	N/A	EVAPORATION RATE:	N/A
pH:	N/A	SOLUBILITY IN WATER:	Miscible
SPECIFIC GRAVITY:	1.0 – 1.1 g/cm ³	OTHER PROPERTIES:	Not clear, milky liquid.

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions
HAZARDOUS POLYMERIZATION:	Will not occur under normal conditions
CONDITIONS TO AVOID:	High temperatures
INCOMPATIBILITY WITH OTHER MATERIALS:	Oxidizing materials, acids, alkalis, peroxides

SECTION 11: TOXICOLOGICAL PROPERTIES

CHEMICAL NAME	ORAL LD 50	DERMAL LD 50	MUTAGENICITY
Bisphenol A Diglycidyl Ether	>5000 mg/kg (rabbit)	> 6000 mg/kg (rabbit)	Negative
Epoxy Resin			
Benzyl Alcohol	1230 mg/kg	2000 mg/kg	Negative
Polymer Phenol with formaldehyde	>5000 mg/kg	4000 mg/kg	Positive

SECTION 12: ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long term adverse effect on the aquatic environment Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Follow all MSDS / label precautions even after container is emptied because it may retain product residue. Empty containers and waste must be disposed in accordance with federal, state, provincial, and local regulations.

SECTION 14: TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	Environmentally Hazardous Substance, Liquid, N.O.S
HAZARD CLASS OR DIVISION:	9
UN Number/ Packing Group:	UN3082/PG III
TECHNICAL NAME (N.O.S):	Epoxy Resin

SECTION 15: REGULATORY INFORMATION

CANADIAN WHMIS CLASSIFICATION:	Class D Division 2 Subdivision B (Toxic Material)	
OSHA:	This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard	
CLEAN AIR ACT SECTION 112:	This product contains the following components listed as Hazardous Air Pollutants:	None
	The products contain the following components listed as Extremely Hazardous Air Pollutants:	None
SARA SECTION 302:	The products contain the following components listed as Extremely Hazardous Substances:	None
SARA SECTION 311/312:	Hazard Classification:	Immediate (acute)
SARA SECTION 313:	The products contain the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Authorization Act of 1986 and 40 CFR Part 372:	None
TSCA:	The products or their components are listed in or exempt from the TSCA inventory requirements.	
	The products contain the following non-proprietary substances subject to export notification under Section 12(b) of TSCA:	None

SECTION 16: OTHER INFORMATION

The information is furnished without warranty, representation, inducement, license of any kind, except that it is accurate to the best of Polymer Science Corporation's knowledge or obtained from sources believed by to be accurate and Polymer Science Corporation does not assume any legal responsibility for use or reliance on same. Customers are encouraged to do their own tests.

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