

MATERIAL SAFETY DATA SHEET

Product Name: PSC 0200 DuraWax - Gloss

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PSC 0200 DuraWax - Gloss

MANUFACTURER / Distributor: PSC Polymer Science Corporation

SYNONYMS: Water-based Coating

ADDRESS: #1133, 6027 - 79 Ave S.E., Calgary, Alberta, Canada T2C 5P1

PRODUCT USE / CLASS: As floor finish

TELEPHONE: (403) 287-2751

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SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	C.A.S.#	WEIGHT %
Aliphatic Alkyd Acrylic Polymer	NA	24-27%
Tributoxyethyl Phosphate Plasticizer	78-51-3	1-3%
Dipropylene glycol propyl ether	1569-01-03	4-7%

SECTION 3: HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYE CONTACT: May cause irritation.
SKIN CONTACT: May cause irritation or drying
INHALATION: May cause irritation of the respiratory tract.
INGESTION: May cause adverse health effects.

WHMIS Symbols



SECTION 4: FIRST AID MEASURES

EYE CONTACT: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Obtain immediate medical attention.
SKIN CONTACT: Remove contaminated clothing. Flush skin with water, followed by washing with soap and water. If symptoms develop or persist, obtain medical attention.
INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. Get medical attention.
INGESTION: If swallowed, drink 3-4 glasses milk or water. Do not induce vomiting. Get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	Not flammable	LOWER EXPLOSIVE LIMIT:	Not applicable
FLASH POINT METHOD:	Not applicable	UPPER EXPLOSIVE LIMIT:	Not applicable
OSHA FLAMMABILITY CLASSIFICATION:	Not applicable	AUTOIGNITION TEMPERATURE:	Not applicable

EXTINGUISHING MEDIA: Use water spray or fog, foam, and dry chemical or CO₂ for surrounding fire.
FIRE FIGHTING PROCEDURES: Wear self-contained 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

Contain spill in order to prevent contamination of waterways. Small spills can be covered in absorbent material. Large spills should be pumped away into temporary storage containers for disposal. If water pollution occurs, notify appropriate authorities.

SECTION 7: HANDLING AND STORAGE

HANDLING: Keep away from heat. Keep containers closed and dry. Mixing with metal salts will cause the product to coagulate. Avoid breathing vapors and/or mist. Avoid contact with eyes, skin, and clothing. Follow all MSDS / Label precautions.
STORAGE: Do not allow product to freeze. Store in cool, dry and well-ventilated area. Keep container closed when not in use.

SECTION 8: PERSONAL PROTECTION

EXPOSURE LIMITS:	VALUE	LIMIT	REFERENCE
	Not available	Not available	
ENGINEERING CONTROLS:	Provide adequate ventilation.		
RESPIRATORY PROTECTION:	Wear NIOSH approved respirator if exposed to mist.		
EYE PROTECTION:	Use chemical splash goggles. Do not wear contact lenses.		
SKIN PROTECTION:	Use impermeable rubber gloves.		
OTHER PROTECTIVE EQUIPMENT:	Safety showers and eye wash fountain should be readily available.		

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid	PH:	8 - 9
APPEARANCE & ODOUR	Milky, mild odor	SPECIFIC GRAVITY:	1.03 – 1.04 g/cm3

VAPOR PRESSURE: Not available
VAPOR DENSITY: Not available
BOILING POINT: 100°C (212°F)
FREEZING POINT (°C): 0°C
VOC's: Zero, 0 g/L

VISCOSITY: Not available
VOLATILES: >60% by weight
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Miscible

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: Heat, freezing, strong oxidizers
INCOMPATIBILITY WITH OTHER MATERIALS: Material will coagulate when mixed with metal salts

SECTION 11: TOXICOLOGICAL PROPERTIES

CHEMICAL NAME	ORAL LD 50	DERMAL LD 50	INHALATION LC 50
Dipropylene Glycol Propyl Ether	2920 mg/kg (oral, rat)	NAV	NAV
Tributoxyethyl phosphate plasticizer	3000 mg/kg (oral, rat)	NAV	>20 mg/L
Aliphatic Alkyd Acrylic Polymer	NAV	NAV	NAV
CARCINOGENIC EFFECTS:	Not available	TERATOGENIC EFFECTS:	Not available
MUTAGENIC EFFECTS:	Not available	REPRODUCTIVE EFFECTS:	Not available

SECTION 12: ECOLOGICAL INFORMATION

CHEMICAL NAME	LD 50	LC 50
	Not available	Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Spilled, waste product, contaminated soil, and empty containers must be disposed in accordance with federal, state, provincial, and local regulations.

SECTION 14: TRANSPORTATION INFORMATION

TECHNICAL SHIPPING NAME: Acrylate Polymer, Dispersion
HAZARD CLASS OR DIVISION:
TDG: Not regulated
Classification: Not regulated

SECTION 15: REGULATORY INFORMATION

OSHA: This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard. Hazardous material by definition of Hazardous Communication Standard : 29 CFR 1910.1200

CLEAN AIR ACT SECTION 112: The product contains the following components listed as Hazardous Air Pollutants: Not available
The product contains the following components listed as Extremely Hazardous Air Pollutants: Not available

SARA SECTION 302: The product contains the following components listed as Extremely Hazardous Substances: Not available

SARA SECTION 311 / 312: Hazard Classification: Immediate: No
Delayed: No
Fire: No
Pressure: No
Reactivity: No

SARA SECTION 313: The product contains 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 product or its components are listed in or exempt from the TSCA inventory requirements. All products contained are in the TSCA inventory
The product contains the following non-proprietary substances subject to export notification under Section 12(b) of TSCA:

SECTION 16: OTHER INFORMATION

PREPARED BY: Polymer Science Corporation, MSDS Department **TELEPHONE NUMBER:** (403) 287-2751

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