



Material Safety Data Sheet

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Section I – Identification

Product Name: Low-Gloss Wax

Classification: Water-based acrylic resin solution

D.O.T. Hazard Class: Not listed

HMIS Rating

Health: 1
 Flammability 0
 Reactivity: 0

Section II – Components

Ingredient	C.A.S.#	Wt.%	PEL	TLV	STEL	Notes
Acrylic polymer	not assigned	18-22	Not established			
Water	7732-18-5	72-77	Not established			
Diethylene Glycol Methyl Ether	00111-77-3	5-6	Not established			
Non-hazardous, below reportable quantities or proprietary	various	balance				

Section III – Physical Properties

Boiling Point: 212°F (100°C) **Vapor Pressure:** 17 mm Hg @ 68°F (20°C)
Melting Point: N.A. **Vapor Density:** < 1 Air = 1
Evaporation Rate: Less than Butyl Acetate **Specific Gravity:** 1.00-1.15
Water Solubility: 10-20% Dilutable **Non-volatile:** 25-27%
Physical Appearance: White milky liquid.

Section IV – Fire and Explosion Hazard Data

Flash Point: n.a. **Explosion Limits (LEL):** n.a. **UEL:** n.a.

Extinguishing Media: No known incompatibilities with any known extinguishing media. Use a product best suited for surrounding materials and hazards.
Hazardous Decomposition Products: Thermal decomposition may yield acrylic monomers. Incomplete combustion may form toxic materials such as carbon dioxide, carbon monoxide, or various hydrocarbons.
Firefighting Procedures: Wear self-contained breathing apparatus with full facepiece operated in the positive pressure demand mode and full protective gear.
Special Fire & Explosion Hazards: Material can splatter over 212°F (100°C). Polymer film can burn.

Section V – Health Hazard Information

Primary Route(s) of Entry: Inhalation, skin contact, and eye contact.

Effects of Acute Overexposure:

Eyes – May cause mild eye irritation.
 Skin – Prolonged or repeated exposure can cause slight skin irritation.

Respiratory – Inhalation of vapor or mist can cause headache, nausea, and/or irritation of nose, throat, and lungs. While product is not generally a respiratory irritant, persons with impaired pulmonary function are advised to take special precautions.

Ingestion – Single dose oral toxicity is low, and unlikely to occur with normal handling. Symptoms will include gastrointestinal irritation (nausea, vomiting, diarrhea).

First Aid:

Eyes – Flush gently with water for at least 15 minutes. If symptoms persist or vision is impaired, seek medical attention.

Skin – Wash affected skin areas with soap and water. Seek medical attention if irritation persists.

Respiratory – Remove individual to fresh air.

Ingestion – If swallowed, give 2 glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

Section VI – Chemical Reactivity

Stability: Material is stable at normal temperatures, however thermal decomposition will begin at 350°F (177°C). Degree of decomposition is dependent on time and temperature.

Hazardous Polymerization: Will not occur.

Incompatibility: No incompatibilities known.

Conditions to Avoid: Avoid freezing or extremely high temperatures.

Hazardous Decomposition Products: Incomplete combustion can produce carbon monoxide and carbon dioxide.

Section VII – Spill Procedures

Small Spill: Spilled product is a slip hazard; use care to prevent falling. Absorb spilled material with inert material. Transfer material to a suitable container.

Large Spill: Dike area to prevent material from entering sewer or open water. Absorb spilled material with inert material. Transfer material to a suitable container.

Waste Disposal Method: Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Liquid and contaminated solids may be incinerated in a manner consistent with local, state and federal law. For further information, contact your state or local waste agency or the United States Environmental Protection Agency's RCRA hotline (1-800-424-9346).

Section VIII – Special Protection Information

Respiratory Protection: None required under normal operating conditions. If material is sprayed, use an approved disposable half-mask dust/mist respirator.

Ventilation: Mechanical ventilation not usually required, excepting indoor application with limited air exchange.

Gloves: Neoprene gloves will provide protection against penetration.

Eye Protection: Wear chemically-resistant goggles.

Other Protective Equipment: Wear appropriate work clothing to prevent skin contact. Wash before reuse. Eye wash station should be available.

Section IX – Special Precautions

Handling and Storing: Keep material from freezing. The minimum recommended storage temperature is 34°F (1°C). The maximum recommended storage temperature is 120°F (49°C).

Section X – Supplemental Information

This product is not a hazardous chemical under the OSHA Hazard Communication Standard and spills are not reportable under SARA Title III or CERCLA National Response Center.

Section XI Sara Title III Information

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of SARA Title III Emergency Planning and Community Right-To-Know Act of 1986 and oof 40 CFR Part 372.

This law requires certain manufacturers to report on annual emissions of specified toxic chemicals and chemical categories. If you are unsure if you must report or require more information, call the EPA Emergency Planning and Community Right-To-Know Hot Line: 800-535-0202 or 202-479-2449.

DIETHYLENE GLYCOL METHYL ETHER
CAS# 00111-77-3 PCT BY WT: 10.000

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