



M805-200 PENTHOUSE POLISH

MATERIAL SAFETY DATA SHEET

RPM Wood Finishes Group
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EMERGENCY PHONE (CHEM TREC): 1-800-424-9300
FOR ALL INTERNATIONAL TRANSPORTATION ACCIDENTS. 1-703-527-3887 (collect)

Health: 1 Flammability: 0 Reactivity 0

PRODUCT NAME: M805-200 PENTHOUSE POLISH

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 19/02/03
SUPERCEDES: None
MSDS NO. M805-200

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
Oil	11-20	8001-20-5	No PEL established
Oxidized polyethylene	11-20	68441-17-8	No PEL established
octylphenoxyethoxyethanol	1-10	9002-93-1	No PEL established
butyl cellosolve	1-10	111-76-2	50 ppm TWA; 240 mg/m ³ TWA
OLEIC ACID	1-10	112-80-1	No PEL established
MORPHOLINE	1-10	110-91-8	20 ppm TWA; 70 mg/m ³ TWA

III. HAZARDS IDENTIFICATION

Routes of Entry: None Known., Inhalation, ingestion, skin, eyes., Absorption.
Medical Conditions Aggravated: Skin disease including eczema and sensitization. Eye disease. Kidney disease. Liver disease. Respiratory disease including asthma and bronchitis.

Immediate (Acute) Health Effects

Inhalation: No hazard in normal industrial use. Can be corrosive to the respiratory tract causing severe irritation and tissue damage.

Skin Contact: Substance may cause slight skin irritation. Can cause minor skin irritation, defatting, and dermatitis. Corrosive to skin tissue. Can cause chemical burns. No hazard in normal industrial use.

Eye Contact: Can cause mechanical irritation if dusts are generated. No hazard in normal industrial use. Corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can quickly lead to permanent injury including blindness. Can cause minor irritation, tearing and reddening.

Skin Absorption: A single exposure is not likely to result in the product being absorbed through the skin in harmful amounts. Harmful if absorbed through the skin. Harmful if absorbed through the skin. May cause severe irritation and systemic damage. No absorption hazard in normal industrial use.

Ingestion: May cause vomiting. Corrosive to tissue. Can cause severe and permanent damage to mouth, throat, stomach. Aspiration may lead to lung damage.

Target Organ Acute Toxicity:

2-Butoxyethanol liver, kidneys, lymphoid system, skin, blood, eyes, respiratory system, CNS, hemato system

Morpholine skin, eyes, respiratory system, liver, kidneys

Long-Term (Chronic) Health Effects:

Carcinogenicity: No data available. No data.

Reproductive and Developmental Toxicity: No information available.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Inhalation: Upon prolonged and/or repeated exposure, can be corrosive to the respiratory tract causing severe irritation and tissue damage.

Skin Contact: Not generally an irritant and is only mildly irritating to the skin upon prolonged or repeated contact. Upon prolonged or repeated contact, corrosive to skin tissue. Can cause chemical burns.

Eye Contact: Upon prolonged or repeated contact, dust contact can cause mechanical irritation. Upon prolonged or repeated contact, may become corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can lead to permanent injury including blindness.

Skin Absorption: Contains methanol. Upon prolonged or repeated exposure, may cause deterioration of the optic nerve if large quantities are absorbed through the skin. Repeated absorption of large quantities may lead to blindness. Upon prolonged or repeated exposure, harmful if absorbed through the skin. May cause severe irritation and systemic damage.

Target Organ Chronic Toxicity: Skin. Eyes. Kidneys. Liver. Respiratory Tract.

Supplemental Health Hazard Information: No additional health information available.

IV. FIRST AID

Inhalation:	Remove to fresh air. No first aid expected to be needed. Remove to fresh air. This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.
Eyes:	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel. None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.
Skin Contact:	Wash with soap and water. Wash with soap and water. Get medical attention if irritation develops or persists.
Ingestion:	No hazard expected under normal industrial use. If a large quantity is swallowed, seek medical attention. Do not induce vomiting. Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this MSDS.
Notes to MD:	Treat according to symptoms present.

V. FIRE FIGHTING MEASURES

Flammability Summary:

Flash Point:	>200 (CALC.) °F
Upper Flammable/Explosive Limit, % in air:	0.0 @ 77° F
Lower Flammable/Explosive Limit, % in air:	0.0 @ 77° F

Fire Hazards: Water may ineffective & water stream may spread flames. Use process enclosures to control the level of dust in the air. Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

Extinguishing Media: Use methods suitable to fight surrounding fire. Sand. Water fog, dry chemical, CO2 Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do Not direct a stream of water into the hot burning liquid.

Fire Fighting Instructions: Use methods for the surrounding fire. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment.

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide CO, CO2, combustible gases may be generated

VI. ACCIDENTAL RELEASE MEASURES

Health Consideration for Spill Response: No health affects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this MSDS

Spill Mitigation Procedures General Methods: No special spill clean-up considerations. Collect and discard in regular trash.

VII. HANDLING AND STORAGE

Handling:	Avoid dusting without good ventilation. Also ground process equipment to prevent build-up of electrostatic discharge. Mildly irritating material. Avoid unnecessary exposure.
Storage:	Keep container closed when not in use. Keep away from heat and flame. No special requirements.

VIII. ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls:	Ventilation should effectively remove and prevent buildup of any vapor/mist/fume generated from the handling of this product. Local exhaust ventilation, process enclosures, or other engineering controls are necessary when handling or using this product to avoid overexposure.
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Protective Equipment

Respiratory Tract:	Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2-1992). A written respiratory protection program, including provisions for medical certification, training, fit testing, exposure assessments, maintenance, inspection, cleaning, and convenient, sanitary storage should be implemented.
Eyes:	Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.
Skin:	Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

IX. PHYSICAL DATA

Physical State:	CLOUDY LIQUID
Odor:	NONE TO VERY FAINT
Solids Vol %:	33.705
Solids Wt %:	32.7506
Material VOC lbs/gal:	0.2231
Material VOC gms/l:	26.7965
Coatings VOC lbs/gal:	0.6108
Coatings VOC gms/l:	73.3465
Weight per gallon:	8.2032

X. STABILITY AND REACTIVITY

Stability Information:	Stable. Stable under normal conditions.
Conditions to Avoid:	Caustic amines, alkanamines and inorganic acids. Elevated temperatures. Contamination. None known.

Chemical Incompatibility: Strong oxidizing agents and amines. Peroxides. Strong oxidizing agents. Metals. Strong alkalis. Strong acids.

Hazardous Polymerization: Hazardous Polymerization will not occur.

XI. TOXICOLOGICAL INFORMATION

Chemical Name	CAS Number	LD50/LC50
Glycols, polyethylene, mono(p-(1,1,3,3-tetramethylbutyl)phenyl) ether	9002-93-1	Oral LD50 Rat : 1800 mg/kg
Ethanol, 2-butoxy-	111-76-2	Inhalation LC50 Rat : 450 ppm/4H; Inhalation LC50 Mouse : 700 ppm/7H; Oral LD50 Rat : 470 mg/kg; Oral LD50 Mouse : 1230 mg/kg; Dermal LD50 Rabbit : 220 mg/kg
9-Octadecenoic acid, (Z)-	112-80-1	Oral LD50 Rat : 74 gm/kg
Morpholine	110-91-8	Inhalation LC50 Rat : 8000 ppm/8H; Inhalation LC50 Mouse : 1320 mg/m ³ /2H; Oral LD50 Rat : 1450 mg/kg; Oral LD50 Mouse : 525 mg/kg; Dermal LD50 Rabbit : 500 uL/kg

XII. ECOLOGICAL INFORMATION

Overview (for ingredients): No data available. These polymeric products are not soluble in water. No ecological information available.

XIII. DISPOSAL CONSIDERATIONS

Waste Description for Spent Product: Mixing spent or discarded material with other materials may render the mixture hazardous. Perform a hazardous waste determination on mixtures. Spent or discarded material is not expected to be a hazardous waste.

Disposal Methods: Perform waste water treatment. Comply with all Local, State, Federal, and Provincial Environmental Regulations. Landfill spent or discarded material in a permitted industrial waste facility. Dispose of in a landfill. Disposal is not likely to be regulated.

Potential EPA Waste Codes: If discarded, this product is considered a RCRA ignitable waste, D001.

Components Subject to USEPA Land Disposal Restrictions:

No chemicals subject to land disposal restrictions. %

XIV. TRANSPORTATION INFORMATION

DOT NON REGULATED

XV. REGULATORY INFORMATION

Chemical Name	Regulation	CASRN	%
No 313-listed chemicals in this product	SARA 313 Reportable:		
Oil	New Jersey Right To Know:	8001-20-5	12.6
Oxidized polyethylene	New Jersey Right To Know:	68441-17-8	11.15
octylphenoxy polyethoxyethanol	New Jersey Right To Know:	9002-93-1	1.35
butyl cellosolve	New Jersey Right To Know:	111-76-2	1.35
OLEIC ACID	New Jersey Right To Know:	112-80-1	1.35

XVI. ADDITIONAL INFORMATION

Other Information:

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MSDS glossary.