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Procter & Gamble
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MATERIAL SAFETY DATA SHEET

MSDS #: FH/C/2004/JWJS-66JMLK
Supersedes: N/A

Issue Date: 05/05
Issue Date: N/A

SECTION I - CHEMICAL PRODUCT

Identity: **FLOOR FINISH**

Brands: **P&G PRO LINE SUPER DURABLE FLOOR FINISH**

Hazard Rating: 1 Health: 1 4=EXTREME
Flammability: 0 3=HIGH
Reactivity: 0 2= MODERATE
1=SLIGHT
0=NO

Emergency Telephone Number: 1-888-474-7765 or call local Poison Control Center

SECTION II - COMPOSITION AND INGREDIENTS

Ingredients/Chemical Name: Water, acrylate copolymers, glycol ethers.

Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200.

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS No.</u>	<u>Recommended Limits</u>	<u>Composition Range</u>	<u>LD50/LC50</u>
Diethylene glycol monoethyl ether	Glycol ether DE	111-90-0	N/A	<4%	N/A
Dipropylene glycol methyl ether	Glycol ether DPM	34590-94-8	ACGIH TLV-TWA 100 ppm NIOSH STEL 150 ppm 900 mg/m3	<4%	N/A
Acrylate copolymers	Acrylate copolymers	NA	N/A	N/A	N/A
Ethanol, 2-butoxy-, phosphate (3:1)	Tributoxyethyl phosphate	78-51-3	N/A	<4%	N/A

SECTION III - HAZARDS IDENTIFICATION

Health Hazards (Acute and Chronic):

Ingestion: May cause stomach irritation and/or nausea.
Inhalation: May aggravate respiratory ailments.
Eye Contact: May cause eye irritation or burning sensation.
Skin Contact: May cause skin irritation or burning sensation.

Signs and Symptoms of Exposure:

Ingestion: Oral ingestion may result in stomach irritation and/or nausea.
Eye Contact: May cause irritation or burning sensation.
Skin Contact: May cause skin irritation (redness, drying, etc.) or burning sensation. May aggravate skin disorders.
Inhalation: May aggravate respiratory ailments.

SECTION IV - FIRST AID INFORMATION

Emergency and First Aid Procedures:

- Ingestion:** Rinse mouth with water. Drink 1-2 glasses of water to dilute. Do NOT induce vomiting. If symptoms persist, seek immediate medical attention. NOTE: Never give anything by mouth to an unconscious person.
- Eye Contact:** Flush immediately with water for 15 minutes; remove contact lenses if applicable. If symptoms persist, seek medical attention.
- Skin Contact:** Flush with water for 15 minutes. Remove contaminated clothing. If symptoms persist, seek medical attention.
- Inhalation:** Move to a well ventilated area/fresh air. If symptoms persist, seek medical attention.

Other: Product package states "KEEP OUT OF REACH OF CHILDREN".

SECTION V - FIRE FIGHTING INFORMATION

Flash Point (Method Used): >93.3°C / >200°F

Explosive Limits: LEL: N/A UEL: N/A

(Pensky-Martens Closed Cup, ASTM-D93)

Extinguishing Media: Use water, CO₂, foam or media suitable for surrounding fire, unless contraindicated by surrounding environment.

Special Fire Fighting Procedures: Standard fire fighting procedures.

Unusual Fire Hazards: None known.

Stability *Unstable:*

Conditions to Avoid: None known.

Stable: X

Incompatibility (Materials to Avoid): Do not mix with other chemicals.

Hazardous Decomposition/By Products: Thermal decomposition on burning may produce toxic vapors or gases.

Hazardous Polymerization: *May Occur:* *Conditions to Avoid:* None known.

Will Not Occur: X

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective clothing.

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL REGULATIONS. Do not landfill. Keep out of storm sewers and open bodies of water. If possible, triple rinse container and recycle.

Steps To Be Taken in Case Material is Released or Spilled: If spilled, floors may be extremely slippery. Wear appropriate protective equipment/clothing to avoid skin and/or eye contact. Ventilate area. Avoid breathing vapor, spray or mist. Contain the spill and collect in approved containers. Hold for proper recovery or disposal. Keep spill out of storm sewers and open bodies of water. Rinse affected area thoroughly with water.

SECTION VII - HANDLING AND STORAGE

Precautions To Be Taken in Handling and Storing: Avoid contact with skin and eyes. Wash with soap and water after handling. Store in original container in cool, dry place with adequate ventilation. Keep container tightly closed when not in use. To avoid product contamination, do not return unused portion to original container. Keep out of reach of children.

Other Precautions: Keep from freezing.

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Respiratory Protection (Specify Type): None required with normal use.

Industrial Setting: If exposure cannot be adequately controlled by general or local ventilation, use appropriate respiratory protection to prevent over exposure. An approved dust/mist respirator is recommended.

Ventilation *Local Exhaust:* General ventilation.

Special: None

Mechanical (General): General ventilation is acceptable.

Other: None

Eye Protection: None required with normal use.

Industrial Setting: Chemical resistant glasses/goggles or face shield. Eye wash station recommended.

Protective Gloves: None required with normal use.

Industrial Setting: Water impervious (i.e., latex, neoprene rubber) recommended.

Other Protective Equipment: None required with normal use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point °F: 100°C / 212°F

Specific Gravity (H₂O=1): 1.032

Vapor Pressure (mm Hg): Unknown

Percent Volatile by Volume (%): 75%

Vapor Density (Air=1): Unknown

Evaporation Rate (nBuOAc=1): ~1

Odor Threshold: N/A

Freezing Point: Unknown

Coefficient of Water/Oil Distribution: N/A

pH (10% solution): 8.5

Reserve Alkalinity: N/K

Solubility in Water: Complete

Appearance and Odor: White liquid/mild fragrance.

Physical State: Liquid

SECTION X - STABILITY AND REACTIVITY

Possible Hazardous Reactions/Conditions: None known.

Hazardous Polymerization: None known.

Stability: Stable.

Conditions to Avoid: Keep from freezing.

Materials to Avoid: Do not mix with other chemicals.

Hazardous Decomposition Products: Thermal decomposition on burning may produce toxic vapors or gases.

Other Recommendations: None

SECTION XI - TOXICOLOGICAL INFORMATION

This product has not been evaluated for its acute and/or chronic toxicological profile. No skin sensitization data is currently available. This product does not contain a listed carcinogen from NTP, ACGIH or IARC.

SECTION XII - ECOLOGICAL INFORMATION

The ecological toxicity of this product is not known.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: DISPOSAL IS TO BE PERFORMED IN ACCORDANCE WITH FEDERAL, STATE, PROVINCIAL, AND LOCAL REGULATIONS. Do not landfill. Keep out of storm sewers and open bodies of water. Empty containers should be triple rinsed and offered for recycling or reconditioning. Small containers (≤ 1 gallon) may be wrapped and discarded in trash.

SECTION XIV - TRANSPORT INFORMATION

DOT Classification: This product is not a hazardous material and is not regulated under DOT per 49 CFR 173.150(f) and 173.150(e)(2).

SECTION XV - ADDITIONAL REGULATORY INFORMATION**CERCLA listed chemicals:**

Isopropyl Alcohol (CAS# 67-63-0), RQ = 100 lbs.
 Glycol Ether DE (CAS# 111-90-0), RQ = 1 lb.
 Tributoxyethyl Phosphate (CAS# 78-51-3), RQ = 1 lb.
 Aqua Ammonia (CAS# 1336-21-6), RQ = 1000 lbs.
 Zinc Oxide (CAS# 1314-13-2), RQ = No RQ assigned.
 Ammonium Hydroxide (CAS# 1336-21-6), RQ = 1000 lbs.
 Potassium Hydroxide (CAS# 1310-58-6-3), RQ = 1000 lbs.

EPCRA (SARA Title III) Section 313 Toxic Chemicals:

Isopropyl Alcohol (CAS# 67-63-0), with a de minimus of 1.0%.
 Glycol Ether DE (CAS# 111-90-0), with a de minimus of 1.0%.
 Tributoxyethyl Phosphate (CAS# 78-51-3), with a de minimus of 1.0%.
 Aqua Ammonia (CAS# 1336-21-6), with a de minimus of 1.0%.
 Zinc Oxide (CAS# 1314-13-2), with a de minimus of 1.0%.
 Ammonium Hydroxide (CAS# 1336-21-6), with a de minimus of 1.0%

All intentionally-added components of P&G Pro Line Super Durable Floor Finish are listed on the US TSCA Inventory. No components are subject to Significant New Use Rules (SNURs) under TSCA §5.

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified with the Hazard Criteria of the Canadian Control Products Regulation (CPR) and this MSDS contains all information required by the Controlled Products Regulation.

P&G Pro Line Super Durable Floor Finish is not subject to warning labeling under California Proposition 65.

SECTION XVI - OTHER INFORMATION

*N/A. - Not Applicable

*N/K. - Not Known

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health.

The information contained herein has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or any other process. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, for any damage to any property resulting from misuse of the controlled product.