



## **Patriot #21 – Floor Finish**

### **1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY**

**Identification of Preparation:** PATRIOT #21 Floor Finish  
**Date of Safety Data Sheet:** August 29, 2017  
**Use of Preparation:** Floor finish  
**Company Identification:** Parkside Professional Products Ltd.  
4777 Kent Avenue  
Niagara Falls, Ontario L2H 1J5  
OFFICE: 905-358-8364

**Company Emergency Telephone Number**      Emergency Phone: 905-358-8364

**Transportation Emergency Telephone Number**      CANUTEC 613-996-6666 or \* 666 for cell phone

### **2. HAZARD IDENTIFICATION**

**Emergency Overview:**

**OSHA / WHMIS 2015 Hazards**

Not hazardous.

**Classification of substance or mixture**

**GHS-US/Canadian classification:**

Not hazardous

**Label Elements**

**GHS-US Labeling**

**Hazard Pictograms (GHS):**

None.

**Signal Word (GHS):**

None

**Hazard Statements (GHS):**

None

**Precautionary Statements (GHS):**

P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response (GHS):**

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

P330: Rinse mouth.

P501: Dispose of contents / container in accordance with local regulations.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Diethylene Glycol Monoethyl Ether	111-90-0	1-5	Acute Toxicity Category 5 (Oral) - H303 Skin Irritation Category 2 – H315 Eye Irritation Category 2B– H320
Tributoxy Ethyl Phosphate	75-51-3	1-5	Skin Irritation Category 2 – H315 Eye Irritation Category 2A– H319 STOT Single Exposure Category 3 – H335
Trimethyl Pentanyl Disobutyrate	6846-50-0	1-5	Skin Irritation Category 3 – H316 Eye Irritation Category 2B – H320
Acrylic Polymer	None	15-35	Not regulated.

**4. FIRST AID MEASURES**

**Inhalation:** Remove to fresh air. If symptoms persist consult physician.

**Eye Contact:** Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists get medical attention.

**Skin Contact:** Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.

**Ingestion:** Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid.

**Notes to Physician:** Treatment based on judgment of attending physician.

**5. FIRE FIGHTING MEASURES**

**Suitable extinguishing media:** Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam

**Unsuitable extinguishing media:** None known.

**Special exposure hazards** Thermal decomposition releases irritating gases.

**Special safety equipment:** Self-contained positive pressure breathing apparatus and protective clothing.

**Fire and explosion** Not flammable. Not an explosive hazard.

**Further information** Keep containers and surrounding cool with water spray.

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### **6. ACCIDENTAL RELEASE MEASURES**

#### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

#### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

#### **Environmental Precautions**

Prevent entry to sewers and public waters.

#### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clear up spills immediately with absorbent and dispose of waste safely.

**Reference to Other Sections:** See Heading 8. Exposure controls and personal protection.

### **7. HANDLING AND STORAGE**

#### **Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

#### **Information about fire and explosion protection:**

Keep respiratory protective device available.

No special measures required.

#### **Conditions for safe storage, including any incompatibilities:**

**Storage:** Acids, Oxidizers, reducing agents.

#### **Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Protect from humidity and water.

Unsuitable material for receptacle: steel.

Unsuitable material for receptacle: aluminium.

Avoid storage near extreme heat, ignition sources or open flame.

#### **Information about storage in one common storage facility:**

Do not store together with alkaline products or strong acids.

Store away from oxidizing agents.

Store away from foodstuffs.

#### **Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Keep container tightly sealed.

**Specific end use(s)** No further relevant information available.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Respiratory protection: Use local exhaust or dilution ventilation.  
 Hand protection: Chemical resistant gloves.  
 Eye protection: Safety goggles or full face shield.  
 Skin protection: Use body-covering impervious clothing.  
 Working hygiene: Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.  
 Exposure Guidelines:

Diethylene Glycol Monoethyl Ether: ACGIH TLV – STEL: 150 ppm TWA: 100 ppm  
 OSHA PELs – TWA: 100 ppm TWA: 600 mg/m<sup>3</sup>

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical and Chemical Properties

<u>Physical State</u>	<u>Liquid</u>	<u>Odour</u>	<u>Mild Acrylic</u>
<u>Appearance</u>	<u>Milky White</u>	<u>Odour Threshold</u>	<u>No data available.</u>
<u>Colour</u>	<u>Milky White</u>	<u>Remarks/Method</u>	
<u>Property</u>	<u>Values</u>		
pH	8.50-9.00	None known	
Melting/Freezing Point	No data available	None known	
Boiling Point/Range	No data available	None known	
Flash Point	Not applicable.	None known	
Evaporation Rate	Similar	None known	
Flammability ( solid, gas)	Flammable	None known	
Flammability Limit in Air:			
Upper Limit	No data available	None known	
Lower Limit	No data available	None known	
Vapour Pressure	No data available	None known	
Vapour density	No data available	None known	
Specific Gravity	0.999-1.002 g/cm <sup>3</sup>		
Water Solubility	Soluble in water.	None known	
Solubility Other Solvents	No data available	None known	
Partition Coefficient:			
n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition	No data available	None known	
Temperature			
Kinematic Viscosity	No data available	None known	

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Dynamic Viscosity	No data available	None known
Explosive Properties	No data available	None known
Oxidizing Properties	No data available	None known

Other Properties:

Softening Point	No data available
VOC Content %	No data available
Particle Size	No data available
Particle Size Distribution	No data available

**10. STABILITY AND REACTIVITY**

Reactivity	The substance decomposes on heating, on contact with acids and under influence of light producing toxic and corrosive gases including. The substance is a strong oxidant and reacts with combustible and reducing materials.
Chemical stability	Stable under recommended handling and storage conditions (see section 7).
Thermal decomposition/conditions to avoid:	No decomposition if used and stored according to specifications.
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures. Contact with metallic substances.
Hazardous decomposition products	Carbon oxides (CO, CO <sub>2</sub> ). Sodium oxides.
Materials to avoid	Metals such as aluminum. Reducing agents. Strong acids.
Hazardous polymerization	Will not occur

**11. TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

**Acute toxicity:** Harmful if swallowed.

**LD/LC50 values relevant for classification:**

**Diethylene Glycol Monomethyl Ether CAS# 111-90-0:**

LD50 (Oral, rat): 19,200 mg/kg

LD50 (Dermal, rabbit): 6 ml/kg

**Tributoxy Ethyl Phosphate CAS# 78-51-3:**

LD50 (Oral, rat): 3,000 mg/kg

LD50 (Dermal, rabbit): 16 ml/kg

LC50 (Inhalation, rat): >6.4 mg/L 4h

**Trimethyl Pentanyl Disobutyrate CAS# 6846-50-0:**

LD50 (Oral, rat): 3,200 mg/kg

**On the skin:** Causes drying of the skin.

**On the eye:** Causes pain and redness.

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Respiratory or Skin Sensitization: Not classified.  
Additional toxicological information:  
Carcinogenicity:  
Chemical Name None

### **12. ECOLOGICAL INFORMATION**

Toxicity: Not classified  
Persistence and Degradability: Not available  
Bioaccumulative Potential: Not available  
Mobility in Soil: Not available.  
Other Adverse Effects  
Other Information: All of the organic components of this product are readily biodegradable.

### **13. DISPOSAL**

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.  
**Ecology – Waste Materials:** Avoid release to the environment.

### **14. TRANSPORTATION INFORMATION**

U.S. Department of Transportation (DOT): Not regulated.  
Canadian TDG (Road & Rail): Not regulated.  
Water Transportation (IMO): Not regulated.  
Air Transportation (IATA): Not regulated.

### **15. REGULATORY INFORMATION**

Occupational Health & Safety Regulations:  
WHMIS Classification: Class D - Division 2B



OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).



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**International Inventories**

TSCA	-
DSL/NDSL	-
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	-
PICCS	-
AICS	Complies

Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

**U.S. Federal Regulations**

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).



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### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### **U.S. State Regulations**

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

#### **U.S. State Right-to-Know Regulations:**

This product does not contain substances regulated by state right-to-know regulations.

### **HMIS III Rating**

Health : 0 Minimal Hazard

Flammability : 0 Minimal Hazard

Physical : 0 Minimal Hazard

Personal Protection : B

SDS US (GHS HazCom 2012 and WHMIS 2015)

## **16. OTHER INFORMATION**

**Prepared By:** Parkside Professional Products Ltd.  
4777 Kent Avenue  
Niagara Falls, Ontario  
L2H 1J5  
908-358-8364

**Issuing Date:** September 6, 2015

### **Disclaimer:**

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.



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Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**End of Safety Data Sheet**