PRODUCT NAME: Praesidio 24 Acrylic Finish
PRODUCT CODES: CF-0897
PRODUCT USE: Floor Finish
CHEMICAL NAME: Acrylic Floor Finish
MANUFACTURER: Praetorian Protective Finishes, LLC
ADDRESS: 226 North River Ridge Circle
Burnsville MN  55377
PHONE NUMBER: 952-895-6962
FAX NUMBER: 952-895-6964
EMERGENCY PHONE: Infotrac 24 hr. Service 1-800-535-5053

EMERGENCY OVERVIEW
Mild milky liquid. Not flammable. May cause irritation to eyes skin or respiratory with prolonged contact. Ingestion may cause gastric distress.

POTENTIAL HEALTH EFFECTS:
EYES: See Section 11 for more information.
SKIN: Contact with eyes may cause irritation.
INGESTION: None expected. Prolonged contact may cause irritation.
INHALATION: None expected. Breathing airborne particles or dust from mixing, spraying, sanding, grinding, etc. may cause irritation to respiratory tract.

CARCINOGENICITY: No
ENVIRONMENTAL HAZARDS: None Known
OSHA REGULATED: Not Regulated

HAZARDOUS COMPONENTS:

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS / DSL Number</th>
<th>% WT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol monoethyl ether</td>
<td>111-90-0</td>
<td>2-8%</td>
</tr>
<tr>
<td>Zinc Ammonium Carbonate</td>
<td>Proprietary Mixture</td>
<td>2-8%</td>
</tr>
</tbody>
</table>

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

FLAMMABILITY: Product is not considered flammable or combustible by WHMIS/OSHA criteria. However, product will support combustion if involved in a fire. Products of combustion include compounds of carbon, hydrogen, nitrogen and oxygen; including carbon monoxide.

EXTINGUISHING MEDIA: Use NFPA Class B Fire Extinguishers; carbon dioxide, all purpose dry chemical, water water fog, or chemical foam; polymer foam is preferred for large fires.

FIRE FIGHTING PROCEDURES: Use water mist to keep containers cool to prevent rupture.

PROTECTION OF FIREFIGHTERS: Firefighters should wear self-contained breathing apparatus. Floor may become slippery if material is released, caution is advised.

METHODS FOR CONTAINMENT CLEAN UP: WILL SUPPORT COMBUSTION. Ventilate area. Confine spill to a small area. Use absorbent material to clean up. Place soiled materials in approved containers for disposal.

HANDLE CONTACT WITH SKIN AND EYES. Do not swallow. Handle container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking.

STORAGE: Do not store in extremely high temperatures, above 115°F (46°C). Do not store in area below 32°F (0°C). Keep out of the reach of children. Keep container tightly closed. Keep away from food, drink animal feeding stuffs. Protect containers from abuse.

SECTION 7: HANDLING AND STORAGE

EXPOSURE GUIDELINES:

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>NIOSH (REL)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2-1 PEL</td>
<td>TWA</td>
<td>STEL</td>
</tr>
<tr>
<td>Diethylene glycol monoethyl ether</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Zinc Ammonium Carbonate</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

ENGINEERING CONTROLS: Practice safe work habits. Minimize body contact with this product and all other chemicals in general.

PERSONAL PROTECTIVE EQUIPMENT:
Eye/Face Protection: Safety Glasses recommended for general protection, refer to 29 CFR 1910.133 or European Standard EN166.
Skin Protection: Recommended for general protection. Nitrile gloves are appropriate.
Respiratory Protection: NIOSH approved respirator designed to remove airborne particulate present in excess of maximum allowable concentrations due to secondary operations such as mixing, sanding, buffing, etc. Refer to 29 CFR 1910.134 or European Standard EN 149 for regulations.
**General Hygiene Considerations:**

Handle according to established industrial hygiene and safety practices. Safety eyewash station nearby. Avoid breathing mist. Avoid contact with eyes and skin. Thoroughly wash after handling and before eating or drinking. There are no known hazards associated with this material when used as recommended.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE/COLOR:** Milky White

**ODOR:** Characteristic low odor

**PHYSICAL STATE:** Liquid

**pH:** 8.6-8.8

**FREEZING POINT:** Below 32 deg F

**BOILING POINT:** Not Established

**FLASHPOINT:** Not Established

**EVAPORATION RATE:** Not Established

**SOLUBILITY IN WATER:** Not Established

**UPPER FLAMMABILITY RATE:** Not Established

**LOWER FLAMMABILITY RATE:** Not Established

**VAPOR PRESSURE (mmHg):** Not Established

**VAPOR DENSITY (AIR = 1):** Heavier than air

**SPECIFIC GRAVITY /WT PER GAL:** 8.78-8.8

**REACTIVITY:** Not Regulated

**VOLATILE ORGANIC COMPOUNDS (VOC):** Zero VOC - Consumer Goods Regulations

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Extreme temperatures

**INCOMPATIBLE MATERIALS:** None Known

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Decomposition will not occur if handles and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.

**POSSIBLE HAZARDOUS REACTIONS:** None Known

**SECTION 10: STABILITY AND REACTIVITY**

**SECTION 11: TOXICOLOGICAL INFORMATION**

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>ACUTE TOXICITY - LD50 /LC50</th>
<th>CHRONIC EFFECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol monoethyl ether</td>
<td>7h: 700 ppm - Mouse</td>
<td>1746 mg/kg - Rat</td>
</tr>
<tr>
<td>Zinc Ammonium Carbonate</td>
<td>175 mg/l - Rat</td>
<td>None Known</td>
</tr>
</tbody>
</table>

*See Section 15 for more information*

**SECTION 12: ECOLOGICAL INFORMATION**

No Data is available on the adverse effects of this material on environment. Neither COD nor BOR data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

**SECTION 13: DISPOSAL CONSIDERATIONS**

All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste compliance with applicable laws are the responsibility solely of the waste generator. Praetorian has no control over the management practices of parties handling or using the material.

**SECTION 14: TRANSPORT INFORMATION**

**PROPER SHIPPING NAME:** Non Hazardous for Shipping

**DOT HAZARD CLASS/Packaging Group**

**REFERENCE:** NA

**UN / NA IDENTIFICATION NUMBER:** None

**LABEL:** None Required

**HAZARD SYMBOLS:** None

**DOT SHIPMENT CLASS / Pack Group:** Not Regulated

**IATA HAZARD CLASS / Packaging Group:** Not Regulated

**IMDG HAZARD CLASS:** Not Regulated

**RID / ADR Dangerous Goods Group:** Not Regulated

**UN TDG Class / Packaging Group:** Not Regulated

**HIN # (Hazard Identification Number):** None

**NOTE:** Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100-177, IMDG, IATA, EU, United Nations TDG, and WHIMS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

**SECTION 15: REGULATORY INFORMATION**

**SARA Section 311**

**SARA Section 313**

**SARA Section 302**

**OSHA HAZARD COMMUNICATION STANDARD:** This product is not a "hazardous Chemical" as defined by the OSHA Hazard Communication Standard (CFR29 1910.1200).

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 TITLE III (Emergency Planning and Community Right-to-know Act of 1986)**

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>Immediate (Acute)</th>
<th>Delayed (Chronic)</th>
<th>Fire Hazard</th>
<th>Reactive Hazard</th>
<th>Sudden Release of Pressure</th>
<th>SARA Section 313</th>
<th>SARA Section 302</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol monoethyl ether</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Zinc Ammonium Carbonate</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

**CERCLA - Comprehensive Response Compensation and Liability Act:** None

**CALIFORNIA PROPOSITION 65:** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**STATE RIGHT-TO-KNOW:** All required components are listed in Section 3

**TSCA - Toxic substances Control Act:** All components of this product and on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

**COMPONENTS OF THIS PRODUCT IDENTIFIED BY CAS NUMBER ON THE DOl OR NDSL, OR OTHERWISE IN COMPLIANCE WITH THE NEW SUBSTANCES NOTIFICATION (NSN) REGULATIONS:** Components of this product identified by CAS number on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) Regulations. Only ingredients classified as “hazardous” are listed in Section 3 unless otherwise indicated.

**CANADIAN:** Components of this product identified by CAS number on the Canadian Ingredient Disclosure List are shown in Section 3.

**CEPA - Canadian Environmental Protection Act (DSL / NDSL - Canadian Domestic Substance List / Non-Domestic Substance List):** Components of this product identified by CAS number on the Canadian Ingredient Disclosure List are shown in Section 3.
**CPR - Canadian Controlled Products Regulations:**
This Product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all information required by the Controlled Products Regulations.

**WHMIS CLASSIFICATION(S):**
D1B, D2B Components of this product identified by CAS numbers, Section 3, are on the European Inventory of Existing Commercial Chemical Substances.

**EINECS - European Inventory of Existing Commercial Chemical Substances:**

**SYMBOLS REQUIRED FOR LABEL:**
None

<table>
<thead>
<tr>
<th>NFPA - NATIONAL FIRE PROTECTION ASSOCIATION</th>
<th>Hazard Rating: 0=minimal, 1=slight, 2=moderate, 3=severe, 4=extreme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health:</td>
<td>2</td>
</tr>
<tr>
<td>Fire:</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity:</td>
<td>0</td>
</tr>
<tr>
<td>Protection:</td>
<td>X</td>
</tr>
</tbody>
</table>

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third party/persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

**DATE OF PREPARATION:**
March 1, 2012

**REVISION DATE:**
New

**PREPARED BY:**
Praetorian Protective Finishes. LLC
226 North River Ridge Circle
Burnsville, MN 55337