### MATERIAL SAFETY DATA SHEET

**PROMAR® 200 Alkyd Interior Finishes**

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>HAZARDOUS INGREDIENT</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>OSHA STEL</th>
<th>&lt;STEL&gt;</th>
<th>CAS No.</th>
<th>HAZARDOUS INGREDIENT</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>OSHA STEL</th>
<th>&lt;STEL&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-21-1</td>
<td>Ethylene Glycol</td>
<td>C 50</td>
<td>C 50</td>
<td>PPM</td>
<td>0.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64742-86-7</td>
<td>Mineral Spirits</td>
<td>100</td>
<td>100</td>
<td>PPM</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64742-86-7</td>
<td>Mineral Spirits 140-Flash</td>
<td>100</td>
<td>100</td>
<td>PPM</td>
<td>0.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1332-56-7</td>
<td>Kaolin</td>
<td>2</td>
<td>5</td>
<td>MgM3</td>
<td>Resp.</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14807-88-6</td>
<td>Talc</td>
<td>2</td>
<td>2</td>
<td>MgM3</td>
<td>Resp.</td>
<td>0-8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12001-20-2</td>
<td>Mica</td>
<td>3</td>
<td>3</td>
<td>MgM3</td>
<td>Resp.</td>
<td>0-8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>471-54-1</td>
<td>Calcium Carbonate</td>
<td>10</td>
<td>15[6]</td>
<td>MgM3</td>
<td>Resp.</td>
<td>8-25</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight per Gallon (lbs.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11.69</td>
<td>9.89-10.89</td>
<td>8.88-10.41</td>
<td>6.97-9.78</td>
</tr>
<tr>
<td>Volatile Organic Compounds (VOC - lbs./gal.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3.54</td>
<td>3.52-3.82</td>
<td>3.68-3.97</td>
<td>3.90-3.97</td>
</tr>
<tr>
<td>Photochemically Reactive</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Flash Point (°F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>104</td>
<td>104</td>
<td>100</td>
<td>102</td>
</tr>
<tr>
<td>DOL Storage Category</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Flammability Classification (Flammable - Combustible)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Combustible</td>
<td>Combustible</td>
<td>Combustible</td>
<td>Combustible</td>
</tr>
<tr>
<td>HMIS (NFPA) Rating (health - flammability - reactivity)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>220</td>
<td>220</td>
<td>220</td>
<td>220</td>
</tr>
</tbody>
</table>

**Notes:**
- Ingredient subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313. 40 CFR 372.65 C

**MSDS Text Page Follows**
Alkyd Finishes

Section III - PHYSICAL DATA

| PRODUCT WEIGHT | See Table |
| SPECIFIC GRAVITY | 0.82-1.80 |
| INTRINSIC FLAME | 300-414°F |
| VOLATILE VOLUME | 25-90% |
| BOILING POINT | 75-110°C |

Section IV - FIRE AND EXPLOSION HAZARD DATA

| FLAMMABILITY CLASSIFICATION | FLASH POINT | LEL | UEL |
| See Table | 1.0 | 7.0 |

EXTINGUISHING MEDIA
- Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION PROPERTIES
- Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flames.
- Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions, excessive pressure may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical advice.

SPECIAL FIRE FIGHTING PROCEDURES
- For full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section V - HEALTH HAZARD DATA

ROUTES OF EXPOSURE
- Inhalation
- Skin contact
- Eye contact

To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

ACUTE HEALTH EFFECTS

EFFECTS OF OVEREXPOSURE
- Irritation of eyes, skin, and respiratory system. May cause nervous system depression.
- Extreme overexposure may result in unconsciousness and possibly death.

SYMPTOMS AND SYMPTOMS OF OVEREXPOSURE
- Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mist.
- Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
- None generally recognized.

EMERGENCY AND FIRST AID PROCEDURES
- If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
- If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
- If IN EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
- If SWALLOWED: Get medical attention.

CHRONIC HEALTH HAZARDOUS

- Crystalline Silica (quartz, cristobalite) is listed by IARC: Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.
- Ethylene Glycol is considered an animal teratogen. It has been shown to cause birth defects in rats and mice at high doses when given in drinking water or by gavage. There is no evidence to indicate it causes birth defects in humans. Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver and urinary systems.

- Rates exposed to titanium dioxide dust at 250 mg/m³ developed lung cancer. However, such exposure levels are not attainable in the workplace.

- Reports have associated prolonged overexposure to solvents with permanent brain and nervous system damage.

Section VI - REACTIVITY DATA

STABILITY - Stable

INCOMPATIBILITY - None known

HAZARDOUS DECOMPOSITION PRODUCTS
- By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMORPHISMS - Will Not Occur

Section VII - SPILL OR LEAK PROCEDES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
- Remove all sources of ignition. Ventilate and remove with inert absorbent.

WASTE DISPOSAL METHOD
- Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.
- Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section VIII - PROTECTION INFORMATION

PRECAUTIONS TO BE TAKEN IN USE
- Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after use.

- These coating may contain materials classified as nuisance particulates (listed as Dust in Section II) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section II, the applicable limits for nuisance dusts are: ACGIH TLV 10 mg/m³ (total dust), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

VENTILATION
- Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESpiratory Protection
- If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/NIOSH for protection against materials in Section II.
- When sanding or abrading the dried film, wear a dust/air respirator approved by NIOSH/NIOSH for dust which may be generated by this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
- Wear gloves which are recommended by glove supplier for protection against materials in Section II.

EYE PROTECTION
- Wear safety spectacles with unperforated side shields.

Section IX - PRECAUTIONS

DOD STORAGE CATEGORY - See Table

PRESERVATION TO BE TAKEN IN HANDLING AND STORING
- Keep away from heat and open flames.
- Consult NFPA Code. Use approved Bonding and Grounding procedures.
- Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of reach of children.

OTHER PRECAUTIONS
- Conformal misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section X - OTHER REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65
- WARNING: These products, except for A14VE536, B32W006, and B34ME2006, contain a chemical(s) known to the State of California to cause cancer.

This Material Safety Data Sheet conforms to the Hazard Communication standard, 29 CFR 1910.1200(g)(4), for similar complex mixtures.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.