**Alkyd Interior Finishes**

### Material Safety Data Sheet

**Product Identification**

THE SHERWIN-WILLIAMS CO.

101 PROSPECT AVE. N.W.

CLEVELAND, OH 44115

**Emergency Telephone No.**

(216) 566-2917

INFORMATION TELEPHONE NO.

(216) 566-2902

**Date of Preparation**

1 - Nov. 95


### Alkyd Interior Finishes

#### CAS No.

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>HAZARDOUS INGREDIENT</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>STEL</th>
<th>Toxicity</th>
<th>Vapor Pressure (mm Hg)</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>35</td>
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<tr>
<td>64474-69-7</td>
<td>Mineral Spirits</td>
<td>100</td>
<td>100</td>
<td>Mg/M3</td>
<td>0.5</td>
<td>36-44</td>
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<td>64474-88-7</td>
<td>Mineral Spirits 104-Flash</td>
<td>14464-46-1</td>
<td>Cristobalite</td>
<td>0.05</td>
<td>0.05</td>
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<tr>
<td>14807-96-6</td>
<td>Talc</td>
<td>2</td>
<td>2</td>
<td>Mg/M3</td>
<td>as Resp. Dust</td>
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<tr>
<td>12901-26-2</td>
<td>Mica</td>
<td>3</td>
<td>3</td>
<td>Mg/M3</td>
<td>as Resp. Dust</td>
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<tr>
<td>471-34-1</td>
<td>Calcium Carbonate.</td>
<td>10</td>
<td>10</td>
<td>Mg/M3</td>
<td>as Resp. Fraction</td>
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<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide</td>
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<td>10</td>
<td>Mg/M3</td>
<td>as Resp. Fraction</td>
<td>20</td>
</tr>
<tr>
<td>Weight per Gallon (lbs.)</td>
<td>10.76</td>
<td>8.85-9.99</td>
<td>11.83</td>
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<tr>
<td>Volatile Organic Compounds (VOC - lbs./gal.)</td>
<td>3.83</td>
<td>3.71-3.97</td>
<td>1.95</td>
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<tr>
<td>Photochemically Reactive</td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Flash Point (°F)</td>
<td>100</td>
<td>100</td>
<td>102</td>
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<td>DOL Storage Category</td>
<td>2</td>
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<tr>
<td>Flammability Classification (Flammable - Combustible)</td>
<td>Combustible</td>
<td>Combustible</td>
<td>Combustible</td>
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<tr>
<td>HMIS (NFPA) Rating (health - flammability - reactivity)</td>
<td>2</td>
<td>2</td>
<td>2</td>
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</tbody>
</table>

Less than 5% may be added due to tinting.

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Ingredient subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313, 40 CFR 372.65 C.
**Section III — PHYSICAL DATA**

- **PRODUCT WEIGHT** — See TABLE
- **SPECIFIC GRAVITY** — 0.82-1.80
- **VAPOR DENSITY** — Heavier than Air
- **Flash Point** — 30-456°F (150°C)
- **VOLATILE VOLUMES** — 20-90%
- **FLAMMABILITY CLASSIFICATION** — See TABLE
- **FLASH POINT** — See TABLE
- **LEL 1.0** — DEL 7.0

**Section IV — FIRE AND EXPLOSION HAZARD DATA**

- **EXTINGUISHING MEDIA** — Carbon Dioxide, Dry Chemical Foam
- **UNUSUAL FIRE AND EXPLOSION HAZARDS**
  - Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flames. Closely containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

**Section V — HEALTH HAZARD DATA**

- **ROUTES OF EXPOSURE**
  - Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use.
  - To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.
  - **ACUTE HEALTH HAZARDS**
    - Irritation of eyes, skin, and respiratory system.
    - May cause eye irritation and respiratory problems.
    - Symptoms may not be immediately apparent. Obtain medical attention.

- **EFFECTS OF OVEREXPOSURE**
  - Irritation of eyes, skin, and respiratory system.
  - May cause eye irritation and respiratory problems.
  - Symptoms may not be immediately apparent. Obtain medical attention.

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

- **MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**
  - None generally recognized.

- **EMERGENCY AND FIRST AID PROCEDURES**
  - **IF INHALED:** If affected, remove from exposure. Restrict breathing. Keep warm and quiet.
  - **IF ON SKIN:** Wash affected area thoroughly with soap and water.
  - **IF IN EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention.
  - **IF SWALLOWED:** Do not induce vomiting.

- **CRYSTALLINE SILICA**
  - Quartz, Cristobalite, or Tridymite.
  - Long-term exposure to high levels of silica dust may lead to silicosis and possible lung damage.

- **Ethylene Glycol**
  - Considered an animal teratogen. May 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.

- **Niobium**
  - May cause adverse effects to the liver and urinary systems.

- **Stability**
  - Stable.

- **Incompatibility**
  - None known.

**Section VI — REACTIVITY DATA**

- **HAZARDOUS DECOMPOSITION PRODUCTS**
  - Carbon Monoxide, Carbon Monosulfide

- **HAZARDOUS POLYMERIZATIONS**
  - None known.

**Section VII — SPILL OR LEAK PROCEDURES**

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

- **HAZAROUS SUBSTANCES HANDLING**
  - 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 number. Incinerate in approved facility. Do not incinerate closed containers. Dispose of in accordance with federal, state, and local regulations regarding pollution.

**Section VIII — PROTECTION INFORMATION**

- **PRECAUTIONS TO BE TAKEN IN USE**
  - Wear protective gloves and clothing. Avoid contact with skin and eyes. Wear as directed.

- **FIRE CONTROL AND SUPPRESSION**
  - Use water or foamting agents. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wear as directed.

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

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

- **SPECIAL FIRE FIGHTING PROCEDURES**
  - Full protective equipment including self-contained breathing apparatus should be used.

**Section IX — PRECAUTIONS**

- **STORAGE CATEGORIES**
  - See TABLE

- **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**
  - Keep away from heat and open flames.
  - Do not smoke or eat around the area.

**Section X — OTHER REGULATORY INFORMATION**

- **CALIFORNIA PROPOSITION 65**
  - WARNING: These products, except for A142553, R33200, and R34200, contain one or more 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. Additional 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.