

SAFETY DATA SHEET



65 - POLYURETHANE SATIN SHEEN VARNISH


1. PRODUCT AND COMPANY IDENTIFICATION

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|----------------------|---------------------------------------|
| Product Name: | 65 - POLYURETHANE SATIN SHEEN VARNISH |
| Product Code: | 65 |
| Product Use: | Varnish |

Manufacturer
Richards Paint
200 Paint Street
Rockledge, Florida,
18004320983

24 Hour Emergency Telephone Number
CHEMTEL (US): (800)255-3924
CHEMTEL (International): (813)248-0585

2. HAZARDS IDENTIFICATION

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| Classification: | This material is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Specific Target Organ Toxicity (Repeated Exposure): Category 1 Aspiration Toxicity: Category 1 Flammable Liquid: Category 3 Skin Sensitization: Category 1 Carcinogenicity: Category 2 |
| Signal Word: | Danger |
| Pictograms: |  |
| Hazard Statements: | H226: Flammable liquid and vapor H304: May be fatal if swallowed and enters airways H317: May cause an allergic skin reaction H351: Suspected of causing cancer H372: Causes damage to organs through prolonged or repeated exposure |

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| Prevention Precautionary Statements: | <p>P201: Obtain special instructions before use</p> <p>P202: Do not handle until all safety precautions have been read and understood</p> <p>P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.</p> <p>P233: Keep container tightly closed</p> <p>P240: Ground/bond container and receiving equipment</p> <p>P241: Use explosion-proof electrical/ventilating/lighting equipment</p> <p>P242: Use only non-sparking tools</p> <p>P243: Take precautionary measures against static discharge</p> <p>P260: Do not breathe dust/fumes/gas/mist/vapors/spray</p> <p>P264: Wash face, hands and any exposed skin thoroughly after handling</p> <p>P270: Do not eat, drink, or smoke when using this product</p> <p>P272: Contaminated work clothing should not be allowed out of the workplace</p> <p>P280: Wear protective gloves/eye protection</p> <p>P281: Use personal protective equipment as required</p> |
| Response Precautionary Statements: | <p>P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician</p> <p>P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P308+313: IF exposed: Call a POISON CENTER or doctor/physician</p> <p>P333+313: If skin irritation or a rash occurs: Get medical advice/attention</p> <p>P370+378: In case of fire: Use CO2, dry chemical, or foam to extinguish</p> <p>P363: Wash contaminated clothing before reuse</p> <p>P331: Do NOT induce vomiting</p> |
| Storage Precautionary Statements: | <p>P405: Store locked up</p> <p>P403+235: Store in a well ventilated place. Keep cool.</p> |
| Disposal Precautionary Statements: | <p>P501: Dispose of contents/container to an approved waste disposal plant</p> |
| Hazards Not Otherwise Classified: | <p>Objects or materials soaked in this substance may spontaneously ignite if not properly disposed of</p> |

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | Weight % | CAS Number |
|--|------------|------------|
| Medium aliphatic solvent naphtha (petroleum) | 40% to 50% | 64742-88-7 |
| Stoddard solvent (mineral spirits) | 10% to 20% | 8052-41-3 |
| Propylene glycol monomethyl ether | 0% to 1% | 107-98-2 |
| 1,2,4-trimethylbenzene | 0% to 1% | 95-63-6 |
| Ethylbenzene | 0% to 1% | 100-41-4 |
| Methyl ethyl ketoxime | 0% to 1% | 96-29-7 |
| Xylene | 0% to 1% | 1330-20-7 |
| Aliphatic hydrocarbons | 0% to 1% | 64742-95-6 |

4. FIRST AID MEASURES

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| General Advice: | Call a physician if symptoms persist. Show SDS to physician. |
| Eyes: | Immediately flush with water. After initial flushing, remove contact lenses if applicable and continue flushing for at least 15 minutes. Keep eyes wide open while flushing. Consult a physician if symptoms persist. |
| Skin: | Remove contaminated clothing. Flush affected area with soap and water. Consult a physician if irritation persists. Wash contaminated clothing before re-use. |
| Ingestion: | Remove dentures if applicable and wash out mouth with water. Drink large amounts of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician. |
| Inhalation: | Move to fresh air. Consult a physician if necessary. If not breathing, give artificial respiration and consult a physician immediately. |
| Most Important Symptoms/Effects: | May cause allergic skin reaction |
| Notes to Physician: | Treat symptomatically |

5. FIRE FIGHTING MEASURES

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| Suitable Extinguishing Media: | Foam, dry powder, CO ₂ , water spray. Use measures suitable to the circumstances and environment. |
| Precautions for Firefighters: | Wear self-contained breathing apparatus and protective gear |
| Specific Hazards: | Product is combustible. Thermal decomposition may release irritating gases/vapors. Sealed containers may rupture if exposed to high temperatures. |
| Mechanical Impact Sensitivity: | No |
| Static Discharge Sensitivity: | Yes |

6. ACCIDENTAL RELEASE MEASURES

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| Personal Precautions: | Remove all sources of ignition. Use proper personal protective equipment. Avoid breathing vapors. |
| Other Precautions: | If safe to do so, prevent additional spillage. Do not allow material to enter ground water, surface water, or sewer system. Consult local authorities if spillage cannot be contained. |
| Clean-Up Method: | Soak up with inert absorbent material. Dispose of used absorbent in suitable properly labeled containers. Thoroughly clean contaminated surface. |

7. HANDLING AND STORAGE

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| Handling Precautions: | Wear suitable personal protective equipment. Ground all metal equipment to prevent ignition of vapors by static discharge. Keep away from heat and ignition sources. Do not breathe vapors. Use only in areas with sufficient ventilation. |
| Storage Precautions: | Keep container properly labeled, tightly closed, and out of reach of children in a cool, dry, well-ventilated area. Keep away from heat and ignition sources. |
| Incompatible Materials: | Strong acids, strong bases, strong oxidizing agents |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | | |
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| 1,2,4-trimethylbenzene(95-63-6) | | |
| ACGIH TWA: | 25 ppm | -- |
| NIOSH TWA: | 25 ppm | 125 mg/m3 |
| Methyl ethyl ketoxime(96-29-7) | | |
| WEEL TWA: | 10 ppm | -- |
| Ethylbenzene(100-41-4) | | |
| ACGIH STEL: | 125 ppm | -- |
| ACGIH TWA: | 20 ppm | -- |
| NIOSH ST: | 125 ppm | 545 mg/m3 |
| NIOSH TWA: | 100 ppm | 435 mg/m3 |
| OSHA STEL: | 125 ppm | 545 mg/m3 |
| OSHA TWA: | 100 ppm | 435 mg/m3 |
| Propylene eglycol monomethyl ether(107-98-2) | | |
| ACGIH STEL: | 100 ppm | -- |
| ACGIH TWA: | 50 ppm | -- |
| NIOSH ST: | 150 ppm | 540 mg/m3 |
| NIOSH TWA: | 100 ppm | 360 mg/m3 |
| Xylene(1330-20-7) | | |
| ACGIH STEL: | 150 ppm | -- |
| ACGIH TWA: | 100 ppm | -- |
| OSHA TWA: | 100 ppm | 435 mg/m3 |
| Stoddard solvent (mineral spirits)(8052-41-3) | | |
| ACGIH TWA: | 100 ppm | -- |
| NIOSH ceiling (15 min): | -- | 1800 mg/m3 |
| NIOSH TWA: | -- | 350 mg/m3 |
| OSHA TWA: | 500 ppm | 2900 mg/m3 |

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| Engineering Measures: | Maintain adequate ventilation to keep exposure to airborne contaminants at safe levels. Use explosion-proof equipment. |
| Hygiene Measures: | No eating, drinking, or smoking while in use. Avoid contact with skin, eyes, and clothing. Wash hands, forearms, and face after handling. Wash contaminated clothing before re-use. |
| Eye/Face Protection: | Safety glasses/goggles |
| Skin Protection: | Protective gloves and long-sleeved protective clothing |
| Respiratory Protection: | NIOSH approved respirator if material is being used in a confined area, is being sprayed, or if exposure limits are exceeded |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Physical State: | Liquid |
| Color: | Colorless |
| Odor: | Little to none |
| Odor Threshold: | No information available |
| pH: | No information available |
| Melting Point (°F): | No information available |
| Boiling Point (°F): | 244.0 -246 |
| Flash Point (°F): | 59.00 |
| Flash Point Method: | Closed cup |

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| Evaporation Rate: | No information available |
| Flammability (Solid/Gas): | No information available |
| Flammability Limits: | No information available |
| Vapor Pressure (mm Hg): | No information available |
| Vapor Density: | No information available |
| Specific Gravity: | No information available |
| % Solubility in Water: | No information available |
| Octanol/Water Partition Coefficient: | No information available |
| Auto-Ignition Temperature (°F): | No information available |
| Decomposition Temperature (°F): | No information available |
| Viscosity (KU): | No information available |

10. STABILITY AND REACTIVITY

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| Reactivity: | Not applicable |
| Possibility of Hazardous Reactions: | None under normal conditions of use |
| Hazardous Decomposition Products: | Irritating vapors |
| Stability: | Stable under normal conditions |
| Incompatible Materials: | Strong acids, strong bases, strong oxidizing agents |
| Conditions to Avoid: | Heat, sparks, ignition sources |

11. TOXICOLOGICAL INFORMATION

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| 1,2,4-trimethylbenzene(95-63-6) | |
| Oral LD50 (rat): | 6000 mg/kg |
| Methyl ethyl ketoxime(96-29-7) | |
| Inhalation LC50 (rat, 4 hrs): | >4.83 mg/L |
| Oral LD50 (rat): | 2326 mg/kg |
| Subcutaneous LD50 (rat): | 2702 mg/kg |
| Ethylbenzene(100-41-4) | |
| Dermal LD50 (rabbit): | 15433 mg/kg |
| Oral LD50 (rat): | 3500 mg/kg |
| Propylene glycol monomethyl ether(107-98-2) | |
| Dermal LD50 (rabbit): | 13000 mg/kg |
| Inhalation LC50 (rat, 5 hrs): | 10000 ppm |
| Oral LD50 (mouse): | 11700 mg/kg |
| Stoddard solvent (mineral spirits)(8052-41-3) | |
| Dermal LD50 (rabbit): | >2000 mg/kg |
| Inhalation LC50 (rat, 4 hrs): | >5 mg/L |

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| Oral LD50 (rat): | >5000 mg/kg |
| Medium aliphatic solvent naphtha (petroleum)(64742-88-7) | |
| Dermal LD50 (rat): | >2000 mg/kg |
| Oral LD50 (rat): | >2000 mg/kg |
| Aliphatic hydrocarbons(64742-95-6) | |
| Dermal LD50 (rabbit): | >2000 mg/kg |
| Inhalation LC50 (rat, 4 hrs): | 10-20 ppm |
| Oral LD50 (rat): | >2000 mg/kg |

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| Primary Routes of Exposure: | Eye contact, skin contact, inhalation |
| Acute Toxicity: | Repeated or prolonged exposure may to lead to permanent brain and nervous system damage. Inhalation of concentrated vapors may lead to death. |

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| Exposure Effects | |
| Eye Contact: | Irritation |
| Skin Contact: | Irritation, dermatitis |
| Inhalation: | Irritation of respiratory system, headaches, dizziness, drowsiness, unconsciousness |
| Ingestion: | Irritation of mucous membranes, pulmonary injuries if breathed in during ingestion or vomiting |
| Target Organ (Single Exposure): | No information available |
| Target Organ (Repeated Exposure): | No information available |
| Sensitization: | No information available |
| Neurological Effects: | No information available |
| Mutagenicity: | No information available |
| Reproductive Effects: | No information available |
| Developmental Effects: | No information available |
| Other: | No information available |

12. ECOLOGICAL INFORMATION

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| 1,2,4-trimethylbenzene(95-63-6) | |
| Flow-through LC50 (fathead minnow, 96 hrs): | 7.72 mg/L |
| Static EC50 (water flea, 48 hrs): | 3.6 mg/L |
| Methyl ethyl ketoxime(96-29-7) | |
| BCF: | 0.5-0.6 |
| Bioaccumulation (carp, 42 days): | 2 mg/L |
| Semi-static LC50 (Oryzias latipes, 96 hrs): | >100 mg/L |
| Static EC50 (freshwater algae, 72 hrs): | 11.8 mg/L |
| Static EC50 (water flea, 48 hrs): | 201 mg/L |
| Ethylbenzene(100-41-4) | |
| Biodegradability (aerobic, 28 days): | 70-80% |
| Flow-through LC50 (Atlantic silverside, 96 hrs): | 5.1 mg/L |
| Static EC50 (Skeletonema costatum, 72 hrs): | 4.9 mg/L |
| Static EC50 (water flea, 48 hrs): | 1.8-2.4 mg/L |

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| Stoddard solvent (mineral spirits)(8052-41-3) | |
| Chronic growth NOELR (aquatic vertebrates): | 2.6 mg/L |
| Chronic reproduction EL50 (water flea): | 10 mg/L |
| Chronic reproduction NOELR (water flea): | 2.6 mg/L |
| Chronic survival NOELR (aquatic vertebrates): | 2.6 mg/L |
| Chronic survival NOELR (water flea): | 16 mg/L |
| EL50 (oncorhynrus mykiss, 48 hrs): | 32 mg/L |
| EL50 (scenedesmus subspicatus, 96 hrs): | 45 mg/L |
| LL50 (oncorhynrus mykiss, 96 hrs): | 8.2 mg/L |
| Medium aliphatic solvent naphtha (petroleum)(64742-88-7) | |
| LC/EC/IC50 (algae): | >1000 mg/L |
| LC/EC/IC50 (aquatic invertebrates): | >1000 mg/L |
| LC/EC/IC50 (fish): | >1000 mg/L |

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| Ecotoxicological Effects: | The environmental impact of this substance has not been fully evaluated |
| Acute Toxicity to Fish: | No information available |
| Acute Toxicity to Marine Invertebrates: | No information available |
| Acute Toxicity to Marine Plants: | No information available |
| Persistence/Degradability: | No information available |
| Bioaccumulative Potential: | No information available |
| Environmental Mobility: | No information available |
| Ozone: | No information available |

13. DISPOSAL CONSIDERATIONS

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| Disposal Method: | Empty containers may contain flammable residue and vapors. Dispose of in accordance with federal, state, provincial, and local regulations. |
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14. TRANSPORT INFORMATION

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| DOT | |
| Shipping Name: | Paint |
| Hazard Class: | 3 |
| UN No: | 1263 |
| Packing Group: | III |
| Reportable Quantity: | Xylene, 100 lbs |

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| ICAO/IATA | |
| Shipping Name: | Paint |
| Hazard Class: | 3 |
| UN No: | 1263 |
| Packing Group: | III |

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| IMDG/IMO | |
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|-----------------------|-------|
| Shipping Name: | Paint |
| Hazard Class: | 3 |
| UN No: | 1263 |
| Packing Group: | III |

15. REGULATORY INFORMATION

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| TSCA (US): | All components are listed or exempt |
| DSL (Canada): | All components are listed or exempt |

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| 311/312 Hazard Categories | |
| Fire: | Yes |
| Pressure Generating: | No |
| Reactivity: | No |
| Acute: | Yes |
| Chronic: | Yes |

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| SARA 313 | | | |
| Chemical Name | CAS Number | Max Weight % | de minimis limit |
| Ethylbenzene | 100-41-4 | 1 | 0.1 |

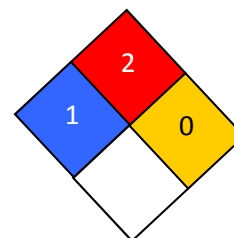
| | | | | | |
|--|-------------------|-----------|-----------|-----------|-----------|
| State Right-to-Know | | | | | |
| Chemical Name | CAS Number | MA | NJ | PA | RI |
| Propylene glycol monomethyl ether | 107-98-2 | X | X | X | |
| 1,2,4-trimethylbenzene | 95-63-6 | X | X | X | |
| Ethylbenzene | 100-41-4 | X | X | X | |
| Xylene | 1330-20-7 | X | X | X | |
| Stoddard solvent (mineral spirits) | 8052-41-3 | X | X | X | X |
| Medium aliphatic solvent naphtha (petroleum) | 64742-88-7 | | X | | |

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| California Proposition 65: | This product may contain small amounts of materials known to the state of California to cause cancer or reproductive harm |
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16. OTHER INFORMATION

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| HMIS RATING | |
| Health: | 1* |
| Flammability: | 2 |
| Reactivity: | 0 |
| Personal Protection: | -- |

NFPA CODES



PPE rating has been left intentionally blank. Choose appropriate PPE based upon actual conditions of use.

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|----------------------------|---|
| Revision Indicator: | Revised 5/26/2016 |
| Disclaimer: | The information contained in this Safety Data Sheet (SDS) is provided in good faith and is believed to be accurate as of the effective date listed. The information applies only to the product as provided and may not be valid if combined with other materials. No warranty is implied or given. The user is responsible for complying with all applicable laws and regulations. |