

MSDS

Material Safety Data Sheet Deck & Shake #100 Concrete Sealer



Section I Identification

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|--------------------------------|---|
| Manufacturer: | PSM (Pacific Sales & Manufacturing) P.O. Box 7249 Berkeley, CA 94707 Phone: (800) 541-0128 |
| Emergency Numbers: | (800) 541-0128 (510) 222-3850 (209) 763-5375 |
| Manufacturing Location: | 531 16th St. Richmond, CA 94801 |
| Product Description: | Water repellent, penetrating wood sealer |
| Trade Name: | Deck & Shake #100 Concrete Sealer |
| Chemical Family: | Acrylic polymer & petroleum hydrocarbon |

Section II Hazardous Ingredients

| Petroleum Distillate (aromatic) | CAS no. 6472-95-6 | Amount: |
|-----------------------------------|-------------------|---------|
| PEL: 500 ppm TLV: 100 ppm (ACGIH) | STEL: 150 ppm | 88% |
| Components: Trimethyl Benzen | 25 ppm TWA | 27.0% |
| Xylenes | 100 ppm TWA | 2.4% |
| Cumene | 50 ppm TWA | 1.20% |

Section III Product Data

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| boiling point | 350-400 F | solubility in water | negligible |
| vapor pressure (mm Hg) | 4mmHg @ 20 F | specific gravity | 0.82 |
| vapor density (air=1) | 4.2 | percent volatility | ND |
| evaporation rate (BUOAC=1) | 0.3 | pH | NA |

NA= not applicable

Appearance and Odor: Light amber liquid with characteristic odor

Section IV Fire & Explosion Hazard Data

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| Flash point: 107 F TCC (solvent component) | LEL: 1.9 % by vol. (approx.) | UEL: 12.6% by vol. (approx.) |
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DOT Classification: NA1993, Combustible Liquid N.O.S. P.G. III
(contains petroleum distillates)

Auto Ignition Temp: 889 F (approx.)

Extinguishing Media: dry chemical, CO₂, foam

Special fire fighting procedures:

Water may be useful for minimizing vapors and for cooling containers.
Use of SCBA's for large fires is recommended.

Unusual Fire and explosion hazards: None

Spontaneous combustion when in contact with rags or similar articles.

NFPA Rating: Health: 2 Flammability: 2 Reactivity: 0

Section V Environmental Information

Recommended Disposal:

Generation of waste can be avoided by applying leftover material normally. Larger amounts can be shipped to a permitted recycler of solvents and paint related materials. Spills should be picked up using a suitable inert absorbent. **DO NOT** flush into the sewer. **DO NOT** dispose of as household waste.

Product mixed with absorbent to no greater than 20% by volume may be shipped to a permitted hazardous waste facility, by a permitted hauler as a 'Hazardous Waste Solid ORM E.'

Environmental Data:

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| COD=ND | BOD5 = ND | 96-hr. LC50= <30ppmfor most species of fish as reported by environmental data. |
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Section VI Health Hazard Data

Eye Contact:

This material may cause irritation from direct contact with the liquid or its vapors. Only transient irritation is expected. However, if it persists, seek medical attention. Safety glasses should be used to avoid eye contact with liquid

Skin Contact:

Prolonged and repeated liquid contact can defat and dry the skin which may result in skin irritation and dermatitis. LD50 rabbit > 4.0g/kg. (estimated) Use of rubber gloves is recommended.

Inhalation:

Breathing high concentrations of vapors may cause irritation of the nose and throat. Prolonged overexposure may lead to CNS depression with symptoms of drowsiness, dizziness and loss of coordination. If material is used in confined spaces use a half mask respirator equipped with organic vapor cartridges.

Ingestion:

This material has a low order of toxicity (> 5.0g/kg. rat, calculated from solvent composition data.) Excessive amounts may cause CNS depression. There is an **ASPIRATION HAZARD**. Liquid entering the lungs can cause severe damage.

Suggested First Aid:

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| eyes: | Flush with water for 15 minutes with eyelids open. Get medical attention |
| skin: | Wash with soap and water. Remove contaminated clothing and shoes. |

Inhalation: Remove victim to fresh air. Oxygen can be administered if breathing is difficult.
ingestion: Do not induce vomiting. Get medical attention.

Section VII Reactivity Data

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| Stability | STABLE Conditions to avoid: Oxidizing agents |
| Incompatibility | Materials to avoid: Avoid heat, sparks and open flame. Avoid leaving any contaminated rags, paper and other combustibles which may undergo spontaneous combustion. |
| Hazardous Polymerization | WILL NOT OCCUR |
| Hazardous Decomposition | Combustion can produce dangerous levels of carbon monoxide and carbon dioxide. Saturated towels or rags can lead to spontaneous combustion. They should be placed in an appropriate safety can. |

Section VIII Protective Equipment

Eye Protection: Safety Glasses ----- **Skin Protection:** Rubber Gloves

Ventilation:

This product should be used in well ventilated areas. Confined spaces should be checked for excessive concentration of vapors.

Respiratory Protection:

When using indoors in poorly ventilated areas, use a half mask respirator equipped with organic vapor cartridges.

Section IX Precautionary Information

Avoid eye and skin contact. Avoid prolonged and repeated breathing of vapors. Use only in well ventilated areas. Keep away from heat and open flames. May undergo spontaneous combustion when in contact with rags and other combustibles.

Section X Regulatory Information

Super fund Reauthorization Act (SARA) Title III

Section 311/312 Hazard Categories

Immediate (acute) Health Hazard / Fire Hazard

Section 313

No chemicals in this product exceed the de minimus reporting level established by SARA Title II, Section 313 and 40 CFR 372.

Toxic Substances Control Act (TSCA)

All components of this product are listed on the TSCA inventory.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)

No chemicals in this product are subject to the reporting requirements of CERCLA.

California Safe Water and Toxic Enforcement Act (Prop. 65)

Based on information currently available, this product is not known to contain any chemical listed as carcinogens or reproductive toxins under Proposition 65.

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