

# MATERIAL SAFETY DATA SHEET

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## Section 1

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MANUFACTURER: PERFORMANCE COATINGS INC.  
360 Lake Mendocino Drive  
Ukiah, California 95482

TELEPHONE: (707) 462-3023

PRODUCT CLASS: Semi-Transparent Stain

CODE IDENTIFICATION: Penofin®

TRADE NAME: Penofin for Pressure Treated Wood - (various colors) Low V.O.C. II formula

EMERGENCY TELEPHONE NUMBERS: FOR CHEMICAL EMERGENCY. Spill, leak, fire, exposure or accident. Call CHEMTREC - Day or Night - 1-800-424-9300. Outside the United States call 202-483-7616.

EMERGENCY POISONING TREATMENT INFORMATION: Call collect 24 hours a day – 1-800-947-2331.

DOT SHIPPING NAME: Paint Related Material 3, UN1263 PGIII (pkg. Exception 173.150)

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## Section 2 - Hazardous Ingredients

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	PERCENT BY WEIGHT	ACGIH TLV* PPM	OSHA PEL* PPM
142 Solvent CAS Number 064742-88-7	16.08%	100 PPM	100 PPM
Xylene CAS Number 1330-20-7	5.36%	100 PPM	100 PPM
Ethyl Benzene CAS Number 100-41-4	1.07%	100 PPM	100 PPM
		*Threshold Limit Value	*Permissible Exposure Limit

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## Section 3 - Physical Data

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BOILING RANGE: 165-365°

VAPOR DENSITY: Heavier than Air.

EVAPORATION RATE: Slower than ether.

WEIGHT PER GALLON: 7.8

PERCENT VOLATILE BY VOLUME: 38%

VAPOR PRESSURE: 100 MM Hg@20°

MELTING POINT: Not applicable.

VOCs: <250 grams/liter

SOLUBILITY IN WATER: <0.1 g/100 @ 25° C

APPEARANCE AND ODOR: Colored liquid with mineral solvent odor; irritating odor at high concentrations.

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## Section 4 - Fire and Explosion Hazard Data

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OSHA CATEGORY: Combustible Class II

FLASH POINT: >122°F Tag Closed Cup

LEL: 2.0

UEL: N/A

To avoid spontaneous combustion, soak oily cloths, brushes, rollers, etc. in water after use or place in a closed metal container away from building and other combustible materials. Dispose of in accordance with local regulations.

EXTINGUISHING MEDIA: Foam, CO2, dry chemical.

UNUSUAL FIRE OR EXPLOSION HAZARDS: Keep away from heat, sparks, or open flame.

SPECIAL FIRE FIGHTING PROCEDURES: Positive pressure self-contained breathing apparatus (SCBA) should be worn to avoid inhalation of concentrated vapors. Chemical protective clothing is recommended if there may be repeated or prolonged exposure to the liquid or concentrated vapors.

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## Section 5 - Health Hazard Data

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THRESHOLD LIMIT VALUE: See Section II

PRIMARY ROUTE(S) OF ENTRY: Dermal, ingestion, inhalation.

EFFECTS OF OVEREXPOSURE: Acute -Eye or skin contact may cause irritation. Can be irritating to the respiratory tract if inhaled as a mist or concentrated vapor. Inhalation of the vapors, or ingestion of the liquid, can cause systemic toxicity including dizziness, confusion, drowsiness, incoordination, staggering gait, nausea, headache, or even collapse and coma. Ingestion may also lead to chemical pneumonia if the material is aspirated into the lungs.

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

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## Section 5 - Health Hazard Data (Cont'd)

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### EMERGENCY FIRST AID PROCEDURES:

INHALATION: Move to fresh air.

SKIN: Promptly remove contaminated clothing and wash with soap and water.

EYES: Irrigate immediately with water or saline for at least 10-15 minutes.

INGESTION: Do not induce vomiting. Call a physician immediately and/or transport to emergency facility immediately.

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## Section 6 - Reactivity Data

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STABILITY: (Conditions to avoid) Avoid open flames, welding arcs or other high temperature sources which induce thermal decomposition. Avoid strong oxidants.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen chloride and very small amounts of phosgene and chlorine.

HAZARDOUS POLYMERIZATION: Will not occur.

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## Section 7 - Spill or Leak Procedure

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SMALL LEAKS: Mop up, wipe up, or soak up immediately remove to out-of-doors.

LARGE SPILLS: Evacuate area. Contain liquid; transfer to closed metal containers. Keep out of water supplies.

DISPOSAL METHOD: When disposing of the unused contents, the preferred options are to send to licensed reclaimer, or to permitted incinerators. Any disposal practice must be in compliance with federal, state and local regulations. Do not dump into sewers, on the ground, or into any body of water.

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## Section 8 - Special Protection Information

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RESPIRATORY PROTECTION: Use a supplied air respirator when airborne exposure limits are exceeded.

VENTILATION: Control airborne concentrations below the exposure guideline. Use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations. Lethal concentrations may exist in areas with poor ventilation.

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## Section 8 - Special Protection Information (Cont'd)

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SKIN PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material. Selection of specific items such as gloves, boots, apron, or fully body suit will depend on operation.

EYE PROTECTION: Use safety glasses. Where contact with liquid is likely, chemical goggles are recommended.

OTHER PROTECTIVE EQUIPMENT: It is suggested that a source of clean water be available in work area for flushing eyes and skin.

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## Section 9 - Special Precautions

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PRECAUTIONS TO BE TAKEN IN HANDLING OR STORING: Do not store above 120°F.

OTHER PRECAUTIONS: **Do not take internally. For exterior use only.** Do not use indoors or in areas of inadequate ventilation. Vapors will collect in low or poorly ventilated areas. Do not use with spray application equipment containing aluminum, galvanized or zinc wetted parts.

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## Section 10 - Sara 313 Information

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This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372:

<u>Chemical</u>	<u>CAS Number</u>	<u>% by weight</u>
Xylene	1330-20-7	5.36%
Ethyl Benzene	100-41-4	1.07%

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PREPARED BY: Regulatory Director, Performance Coatings Inc., Ukiah, California 95482

REFERENCE DATE: September 2002

### **WARNING**

Detectable amounts of some chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm may be found in various petroleum products and chemical products you purchase from Performance Coatings Inc., in their vapors, or may result from their use. Use care when handling or using all chemical and petroleum products.

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