

Material Safety Data Sheet

DATE OF PRINTING: 03/06/2003

HMIS: H2F2R1

Section 1

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

TELEPHONE: (707) 462-3023

PRODUCT CLASS: Cleaning Compound

CODE IDENTIFICATION: WB

TRADE NAME: Penofin® 1rst Step Prep for Hardwood

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: Flammable liquid, corrosive, N.O.S. (Isopropanol, Phosphoric Acid)
3 UN 2924 PG II

Section 2 - Hazardous Ingredients

	PERCENT BY WEIGHT	ACGIH TLV* PPM	OSHA PEL* PPM
Phosphoric Acid CAS Number 7664-38-2	16%	1 mg/m3	1mg/m3
Isopropanol CAS Number 67-63-0	60-64%	500 PPM	400 PPM
		*Threshold Limit Value	*Permissible Exposure Limit

Section 3 - Physical Data

BOILING RANGE: 172-212°

VAPOR DENSITY: Heavier than Air.

EVAPORATION RATE: Slower than ether.

WEIGHT PER GALLON: 7.6

PERCENT VOLATILE BY VOLUME: No data

MELTING POINT: Not applicable.

SOLUBILITY IN WATER: Soluble

APPEARANCE AND ODOR: Clear liquid with pungent odor.

Section 4 - Fire and Explosion Hazard Data

OSHA CATEGORY: Combustible Class 1B Liquid - Flammable

FLASH POINT:

(Test Method): 56°

LEL%: 2.0

UEL%: 12.0

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. Reacts with most metals producing hydrogen, which is extremely flammable and may explode. Keep container tightly closed.

Section 5 - Health Hazard Data

THRESHOLD LIMIT VALUE: See Section 2

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.

Section 5 - Health Hazard Data (Cont'd)

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.

Section 6 - Reactivity Data

STABILITY: Stable, but reacts with most metals producing hydrogen, which is extremely flammable and may explode.

CONDITIONS TO AVOID: Strong oxidants heat electric equipment and open flame.

HAZARDOUS DECOMPOSITION PRODUCTS: Usual carbon products of decomposition.

HAZARDOUS POLYMERIZATION: Will not occur.

Section 7 - Spill or Leak Procedure

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb with an inert material and dispose of in accordance with approved method.

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

SMALL SPILLS: Mop up, wipe ups, or soak up immediately remove to out-to-doors.

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.

Section 8 - Special Protection Information

RESPIRATORY PROTECTION: Use a supplied air respirator when airborne exposure limits are exceeded. Do not use a chemical cartridge respirator.

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.

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.

Section 9 - Special Precautions

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.

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

REFERENCE PRECAUTIONS: March 2003

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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