

Manufacturer:



For more information call:

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E Paint Company25 Research Road
Falmouth, MA 02536

In case of emergency call:

CHEM TREC (800) 424-9300

1. Product Identification

Product Name: EP-2000EPA Registration #: 64684-6Formular EP2000 Series**HEALTH****2****FLAMMABILITY****0****REACTIVITY****0****PERS. PROTEC. EQUIP.****H**

2. Hazardous Ingredients

<u>Ingredient Name:</u>	<u>CAS #</u>	<u>Weight %</u>	<u>Occupational Exposure</u>		<u>Vap. Press</u> <u>mm Hg</u>
			<u>TLV</u>	<u>PEL</u>	
Zinc Pyrithione	13463-41-7	1.0-10.0%	100ppm	100ppm	23@25°C
1-Methyl-2-Pyrrolidinone	872-50-4	1.0-7.0%	100ppm	100ppm	0.29@20°C
N,N-Diethylethanamine Triethylamine	1121-44-8	0.05-10.0%	10ppm	10ppm	54@20°C
Zinc Oxide	1314-13-2	20.0-50.0%	5mg/m ³	10mg/m ³	N/A
Carbon Black	1333-86-4	0.0-20.0%	3.5mg/M3	3.5mg/M3	<1.0@25°C

3. Hazard Identification

Primary Routes of Entry:

Inhalation, Skin, eyes, ingestion

Potential Health Hazards: Skin, Inhalation and Eyes Acute:

It is a mild eye and dermal irritant, but is nontoxic according to the results of acute dermal and acute eye testing.

Skin, Inhalation and Eyes Chronic:

Long term exposure may cause defatting of the skin and skin sensitization.

Skin Absorption Acute:

EP2000 is considered a mild dermal irritant based upon Acute Dermal testing.

Skin Absorption Chronic:

No effects would be expected from this route of entry.

Inhalation Acute:

May cause mild irritation to nose, throat, and lungs.

Inhalation Chronic:

Irritation to respiratory tract. There is no evidence that exposure will produce impairment of lung function.

Ingestion Acute:

EP2000 was found to have an LD50 of 1.6 g/kg in an Acute Oral Toxicity study with Sprague-Dawley rats.

Ingestion Chronic:

Prolonged occupational overexposure to this material (or one its components) when administered to pregnant female rats, at a high dose level of 750 mg/kg body weight, caused maternal and feto toxicity in some animals.

4. First Aid Measures

Skin:

Promptly remove contaminated clothing and wash with soap and water. Seek medical assistance if irritation persists.

Eyes:

Move individual away from exposure into fresh air. Flush eyes with copious amounts of water while holding eyelids apart for at least 15 minutes. If symptoms persist, seek medical attention.

Inhalation:

Remove individual to fresh air. Keep person warm and quiet. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical attention.

Ingestion:

Seek medical attention, keep person warm and quiet.

Medical Conditions Generally Aggravated by Exposure:

Not Determined.

Note to Physician:

5. Control Measures and Personal Protection

Ventilation:

Provide sufficient mechanical ventilation to maintain exposure below TLV. Ensure fresh air entry during application and drying.

Skin Protection:

Wear chemical resistant gloves and coveralls.

Eye Protection:

Wear face shield or chemical goggles.

Respiratory Protection:

A NIOSH/MSHA approved respirator must be worn to prevent the inhalation of vapors or spray mists when the TLV or PEL is exceeded.

Additional Recommendations:

Ventilation is required when handling and applying this product to keep exposure to airborne contaminants below the exposure limits. Facilities storing or utilizing this product should be equipped with an eyewash station. Wear protective equipment.

6. Fire and Explosion Information

Flammable Properties:

Flash Point NA
Flash Point Method

Extinguishing Media:

N/A

Unusual Fire and Explosion Hazards:

Material will not support combustion unless the water has evaporated.

Special Firefighting Precautions/Instructions:

Water may be used to cool closed containers, to prevent pressure buildup.

7. Physical and Chemical Properties

<u>Appearance</u>	White viscous liquid
<u>Odor</u>	slight amine odor
<u>Specific Gravity</u>	1.4
<u>Solubility</u>	Not Determined
<u>Boiling Point</u>	192-396°F
<u>Vapor Density</u>	Heavier than air
<u>Evaporation Rate</u>	slower than ether
<u>Flash Point</u>	NA
<u>Flash Point Method</u>	

8. Stability and Reactivity

Stability. stable

Conditions to Avoid . . Do not store in direct sunlight, or above 130°F or below 50°F.

Incompatibilities Strong oxidizing agents, ferrous metals, copper, copper alloys.

Hazardous Decomposition Products. .

Carbon Monoxide, Carbon Dioxide, Oxides of Nitrogen

Hazardous Polymerization. Will not occur.

9. Handling and Storage

Store in a cool dry place. Keep out of reach of children. Do not get on skin, in eyes or clothing. Use with adequate ventilation. Wash thoroughly after handling.

10. Toxicological Data

Contact ePaint for applicable information.

11. Ecological Data

No additional information provided for this product. See Section 2 for chemical specific data.

12. Accidental Release Measures

ALWAYS WEAR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT!

In Case of Spill or Other Release:

Evacuate area. Eliminate all ignition sources. Stop spill at the source. Prevent from entering drains, sewers, streams or other bodies of water. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product and transfer contaminated absorbent into containers for disposal. This material is heavier than water and subject to emulsification.

13. Disposal Consideration

Dispose of in accordance with all local, state, and federal regulations.

14. Transportation Information

DOT/Domestic Ground Transportation/AIR:

Proper Ship Name. . . NR
DOT Haz. Class . . . NA
DOT ID#. NA
Packing Group. NA
Label Required. NA

UPS GROUND:

Proper Ship Name. . . NR
Label Required. NA

15. Regulatory Information

Regulatory Data in this section is not intended to be all inclusive, only selected regulations are represented.

EPA Registration Number : 64684-6

SARA TITLE III SECTION 313 CHEMICALS (listed if applicable):

Zinc Oxide
Carbon Black
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16. Disclaimer

We believe the recommendations and technical information contained herein to be accurate. However, they are given without warranty or guarantee, expressed or implied, and we assume no responsibility for losses or damages, direct or indirect, as a result of their use. Customers/Users of this product must comply with all applicable health and safety laws, regulations and orders.

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