

Material Safety Data Sheet

ECOBOND® Pb

SECTION 1 – PRODUCT AND COMPANY ID

Product Name: ECOBOND® Pb
Chemical Family: Inorganic Salt
Date of Preparation:
Information Phone Number: (888) 435-6645

Manufacturers' Name:
MT², LLC
14045 West 66th Avenue
Arvada, CO 80004
Emergency Phone Number: (888) 435-6645
Information Phone Number: (888) 435-6645

SECTION 2 – PRECAUTIONARY MEASURES

Avoid breathing dust.
Avoid ingestion.
Avoid excessive contact with eyes or skin.
Use in adequate ventilation.

Respiratory protection: Single use dust respirator.
Skin Protection: Protect open wounds.
Eye protection: Eye protection should be worn at all times; wash thoroughly after handling.

SECTION 3 – EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: Immediately flush with plenty of water for at least 30 minutes. Seek medical attention.
IF ON SKIN: Wash contaminated area with soap or mild detergent and water. If solution soaks through clothing, remove clothing in area and wash contaminated skin as above. If irritation persists after washing, seek medical attention.
IF INHALED: Move to fresh air. Treat symptomatically. Get medical attention promptly.
IF INGESTED: First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

SECTION 4 – HEALTH HAZARD DATA

May cause severe eye burns. Keep container tightly closed. Use ventilation adequate to keep exposures below recommended limits. Do not get in eyes. Wear appropriate eye protection. Wash thoroughly after handling.

OSHA: Total weighted average for dust over an 8-hour period is 15 mg/m³
ACGIH: Total weighted average for dust over an 8-hour period is 10 mg/m³

NFPA Hazard Class

Health: 2 (Minor)
Flammability: 0 (Least)
Instability: Special 0 (Least)
Hazard: None

SECTION 5 – PHYSICAL DATA

Boiling Point (°F): Decomposes
Melting Point (°F): 288 degrees F
Vapor Pressure (mmHg): Not applicable
Specific Gravity (H₂O=1): 2.22
% Volatile by Volume: Not applicable
Vapor Density: Not applicable
Solubility in Water: (20°C): 85.0%

Evaporation Rate (Butyl Acetate = 1): Not applicable
Physical State: Solid
Density: Bulk (Packed), 68-72 Lbs./Ft³
pH: (1% Sol), 2.5 to 3.0
Appearance And Odor: Black to Green, Granulated Solid Material. Slight Odor.

SECTION 6 – REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Conditions And Materials To Avoid: Extreme temperatures.
Hazardous Decomposition Products. Extreme temperatures such as a fire cause formation of toxic fumes of PO_x.



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SECTION 7 – FIRE AND EXPLOSION HAZARDS

Flash Point: Not applicable.

Flammable Limits: Not applicable.

Extinguishing Media: Small Fire – Water spray, foam, dry chemical, or CO₂. Large Fire – Water spray, fog, or foam.

Special Fire Fighting Procedures: Use self-contained breathing apparatus. Wear full protective clothing.

Unusual Fire and Explosion Hazards: Toxic PO_x fumes are formed in a fire.

SECTION 8 – SPILL/LEAK

Storage: When possible store this material in cool, dry, well-ventilated areas to protect product quality. Keep container(s) tightly closed. Store only in approved containers, if applicable. Protect container(s) against physical damage.

Emergency Action: Avoid breathing dust. Wear respiratory equipment.

Small Spills: Carefully shovel material into clean, dry container. Remove from site.

Large Spills: Use same procedure as above. Contact proper local, state or Federal regulatory agency to ascertain proper disposal technique and procedure.

SECTION 9 – OTHER INFORMATION

Transport: Not listed in the hazardous materials shipping regulations (49 CFR, Table 172.101) by the U.S. Department of Transportation or in the Transport of Dangerous Goods (TDG) Regulations, Canada.

Regulatory Information

CERCLA: No

RCRA 261.33: No

TSCA: 8(b) Chemical Inventory: Yes TSCA 8(d): No

Proposition 65 (CA Health & Safety Code Section 25249.5): Warning: This product contains substances known to the State of California to cause cancer and birth defects or other reproductive harm.

NTP, IARC, OSGA: This material has not been identified as a carcinogen by NTP, IARC, or OSHA.

References: Sax and Lewis, Dangerous Properties of Industrial Materials, seventh edition, Van Nostrand Reinhold Co., N.Y., 1989.

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