

MATERIAL SAFETY DATA SHEET

This MSDS complies with 29 CFR 1910.1200 (OSHA Hazard Communication Standard) and Canadian WHMIS Regulations.

IMPORTANT: Read this MSDS before handling and disposing of this product.

Pass this information on to employees, customers and users of this product.

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identity: R-Board Paint

Intended Use: Coating for Exterior Surfaces

Manufacturer: Protecto Wrap Company
1955 South Cherokee Street
Denver, CO 80223

Telephone: (303) 777-3001

Fax: (303) 777-9273

Internet: www.protectowrap.com

HMIS Hazard Ratings

Health 1*

Fire 1

Reactivity 0

Emergency Phone: CHEMTREC: (800) 424-9300

MSDS Date of Preparation: 1/23/03

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2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Component</u>	<u>CAS No.</u>	<u>Amount</u>	<u>Exposure Limit</u>
Acrylic Polymer	Proprietary	20-30%	None Established
Propylene Glycol	57-55-6	1-5%	None Established
Crystalline Silica (Quartz)	14807-60-7	0-0.1%	<u>10 mg/m³</u> PEL-TWA (respirable) %SiO ₂ +2 0.05 mg/m ³ TLV-TWA (respirable)

Non-Hazardous Components >1%:

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This product is a gray liquid with a slight ammonia odor. Not flammable or combustible. Contact may cause eye and skin irritation. Inhalation of vapors or mist may cause respiratory irritation, headache and nausea. Prolonged overexposure to respirable crystalline silica may cause lung disease (silicosis) and increase the risk of lung cancer. Risk of cancer depends on duration and level of exposure.

4. FIRST AID MEASURES

EYE: First check victim for contact lenses and remove if present. Flush victim's eyes with large quantities of water for at least 15 minutes, holding the eyelids apart. Get medical attention if irritation persists.

SKIN: Remove contaminated clothing. Wash skin thoroughly with soap and water. If rash or irritation develop, get medical attention. Launder clothing before re-use.

INGESTION: If conscious, rinse mouth with water and give two glasses of water to drink. Never give anything by mouth to an unconscious or convulsing person. Get immediate medical attention.

INHALATION: Remove victim to fresh air. If breathing is difficult have qualified personnel administer oxygen. Get medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT: Not flammable or combustible

FLAMMABLE LIMITS: LEL: Not applicable **UEL:** Not applicable

AUTOIGNITION TEMPERATURE: Not applicable

EXTINGUISHING MEDIA: Use media appropriate for the surrounding fire. Use water to cool fire exposed containers and structures.

UNUSUAL FIRE OR EXPLOSION HAZARDS: Solid residue will burn after all water has evaporated.

SPECIAL FIRE-FIGHTING INSTRUCTIONS: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon dioxide, nitrogen oxide and other products of incomplete combustion.

EXPLOSION DATA (sensitivity to mechanical impact or static discharge): None known.

6. ACCIDENTAL RELEASE MEASURES

Caution – Floors may be slippery. Wear appropriate protective clothing as described in Section 8. Contain and collect using inert absorbent materials and place in appropriate containers for disposal. Report releases as required by local, state and federal authorities.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with the eyes and skin. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Do not

STORAGE: Store in a cool, well ventilated area. Keep containers closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES: Refer to Section 2.

ENGINEERING CONTROLS: Use with adequate ventilation to minimize potential exposures to airborne contaminants.

RESPIRATORY PROTECTION: None needed under ambient conditions. For firefighting, use self-contained breathing apparatus.

SKIN PROTECTION: Wear impervious gloves such as rubber.

EYE PROTECTION: Safety goggles should be worn where contact is possible.

OTHER: Wear long sleeved shirt and long pants to avoid skin contact. Wash thoroughly after handling. An eye wash should be available in the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Gray liquid with a slight ammonia odor.

PHYSICAL STATE: Liquid
BOILING POINT: Not available
VAPOR PRESSURE: Not available
VAPOR DENSITY: Not available
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Partial
BULK DENSITY: 10.01-10.84 lbs/gal
SPECIFIC GRAVITY: 1.2-1.3
pH: 8.5-9.5
MELTING POINT: Not determined
OCTANOL/WATER COEFFICIENT: No data available
VOC CONTENT: <5%

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal storage and handling conditions.

INCOMPATIBILITY: Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon dioxide, nitrogen oxide and other products of incomplete combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

INGESTION: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

INHALATION: Inhalation of vapors or mists may cause irritation of the nose, throat and lungs with headache and nausea.

EYE: May cause irritation with redness, tearing and stinging.

SKIN: Prolonged or repeated contact may cause irritation and redness of the skin.

SENSITIZATION: This product is not expected to cause sensitization.

CHRONIC/CARCINOGENICITY: This product contains crystalline silica. Repeated inhalation of large amounts of silica dust over an extended period of time may result in a progressive, disabling disease, silicosis. Symptoms include coughing, shortness of breath, chest pain and reduced lung function. The International Agency for Research on Cancer has determined that respirable crystalline silica is carcinogenic to humans (Group 1). The National Toxicology Program classifies respirable crystalline silica as "known to be a human carcinogen".

MUTAGENICITY: None of the components present at greater than 0.1% is considered mutagenic.

SYNERGISTIC PRODUCTS: None specifically known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Employees with pre-existing skin and respiratory disorders may be at increased risk from exposure.

ACUTE TOXICITY VALUES:

No acute toxicity data available for components

12. ECOLOGICAL INFORMATION

No ecotoxicity data is available for this product at this time.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal environmental regulations.

14. TRANSPORT INFORMATION

DOT HAZARDOUS MATERIALS DESCRIPTION:

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

15. REGULATORY INFORMATION

CERCLA/SUPERFUND: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA HAZARD CATEGORY (311/312): Acute Health, Chronic Health

SARA 313 INFORMATION: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None

EPA TSCA INVENTORY: All of the ingredients in this product are listed on the EPA TSCA Inventory.

CALIFORNIA PROPOSITION 65

This product contains the following chemicals known to the State of California to cause cancer:

Crystalline Silica Quartz 0-0.1%

CANADA:

This product has been classified under the CPR and this MSDS discloses information elements required by the CPR.

CANADIAN WHMIS CLASSIFICATION: Class D Division 2 Subdivision A (Very Toxic Material Causing other Toxic Effects)

16. OTHER INFORMATION

NFPA RATING: Health = 1 Fire = 0 Reactivity = 0

HMIS RATING: Health = 1* Fire = 0 Reactivity = 0

NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control and therefore, users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.