

1 – Product Identification

Manufacturer Name Barrier Technology
And Address: 510 4th St. N.
 P.O. Box 379
 Watkins, MN 55389-0379 USA

Emergency Phone: 1 (800) 638-4570

Phone for Additional Information: 1 (800) 638-4570

Product Name: Mycoguard™
Product Description: Protective Sealer
Date Prepared: January 15, 2007
Prepared By: Protective Chemistries Incorporated

2 – Composition/Information on Ingredients

Component	CAS#	Concentration
Zinc Oxide	1314-13-2	1.0–5.0%

3 – Hazards Identification**EMERGENCY OVERVIEW**

HMIS Rating: Health–1, Flammability–0, Reactivity–0

POTENTIAL HEALTH EFFECTS

Swallowing: not an anticipated route of exposure.

May cause the following effects: abdominal discomfort, nausea, vomiting or diarrhea.

Skin Absorption

No evidence of harmful effects from available information. May cause minor skin irritation and dermatitis.

Inhalation

Short-term harmful health effects are not expected from vapors generated at ambient temperature. May cause minor respiratory irritation.

Eye Contact

May cause mild discomfort, tearing and reddening.

Medical Conditions Aggravated By Overexposure

A knowledge of the available toxicology information and of the physical and chemical properties of the material components suggest that overexposure is unlikely to aggravate existing medical conditions.

Other Effects Of Overexposure

No adverse effects anticipated from available information.

POTENTIAL ENVIRONMENTAL EFFECTS

Carcinogens under OSHA, ADGIH, NTP or IARC: Does not contain any regulated levels.

4 – First Aid Measures**Swallowing**

Do not induce vomiting. Seek medical attention if symptoms develop.

Skin

Remove contaminated clothing. Wash skin with soap and water. Obtain medical attention if irritation persists. Wash clothing before re-use.

Inhalation

Remove to fresh air. Obtain medical attention if symptoms persist.

Eye Contact

Immediately flush eyes with water and continue washing for several minutes. Obtain medical attention if discomfort persists.

5 – Fire Fighting Measures

Flash Point Non-flammable

Flammable Limits

Lower limit: Not available

Upper limit: Not available

Special Fire Fighting Procedures

None

Special Protective Equipment For Fire Fighters

Use self-contained breathing apparatus when fighting fires in enclosed areas.

Extinguishing Media

The product will only burn after all contained water is driven off, and then very slowly if ignition source is maintained. Use water spray, foam, dry chemical or carbon dioxide.

Hazardous Combustion Products:

Carbon dioxide, carbon monoxide

Unusual Fire And Explosion Hazards

None known.

6 – Accidental Release Measures**Personal Precautions**

Wear suitable protective equipment.

Environmental Precautions

Prevent runoff.

Methods For Cleaning Up

Cover with absorbent or contain.

Collect for disposal.

Observe government regulations.

Keep spilled product out of sewers, watersheds, or water systems.

7 – Handling and Storage**Handling Precautions**

Normal precautions should be followed in handling and use. Avoid unnecessary exposure.

Storage Precautions

Store in a cool, dry place.

(320) 764.5797 main
 (320) 764.5799 fax
 (800) 638.4570 toll free

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8 – Exposure Controls/Personal Protection**PERSONAL PROTECTION****Respiratory Protection**

None expected to be needed. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.

Hand Protection

Protective gloves.

Eye Protection

Safety glasses.

ENGINEERING CONTROLS**Ventilation**

General (mechanical) room ventilation is expected to be satisfactory.

EXPOSURE LIMITS

No exposure limits have been established.

9 – Physical and Chemical Properties**APPEARANCE**

Physical state	Liquid
Color	White
Odor	Neutral

OTHER PROPERTIES

Boiling point	Not established >212F (100C)
Melting point	Not established
pH	7.5 – 9.0
Specific gravity (H ₂ O=1)	1.10-1.20 at 25C
Vapor Pressure	Not established
Vapor Density	Heavier than air
Flash point	None
Upper explosion limits	Not available
Lower explosion limits	Not available
Percent volatiles	63-65% by weight
VOC	less than 1 gram/liter

10 – Stability and Reactivity**Stability**

Stable under normal conditions.

Stability – Conditions To Avoid

Avoid temperatures: >480F(250C); <35F(2C)

Incompatible Materials

None currently known.

Hazardous Combustion Products

Burning can produce the following combustion products:

Oxides of carbon.

Irritating and toxic fumes may occur at elevated temperatures.

Carbon monoxide is highly toxic if inhaled, carbon dioxide in sufficient concentrations can act as an asphyxiant.

Acute overexposure to the products of combustion may result in irritation of the respiratory tract.

Hazardous Polymerization

Will not occur.

11 – Toxicological Information**Significant Data With Possible Relevance To Human Health**

No information relevant to human health hazard evaluation is currently available.

12 – Ecological Information

No ecological information available.

13 – Disposal Considerations**General**

Allow to dry out to solidify and dispose of in an approved landfill. Consult Federal, State, and local regulation for more restrictive regulations.

14 – Transportation Information

DOT Classification: Resin Compound

This product is not regulated by DOT. Consult Bill of Lading for transportation information.

15 – Regulatory Information**Chemical Inventory**

United States: The components of this product are all listed on the EPA – TSCA inventory.

Federal Reporting

EPA SARA Title III Section 313

This product does contain the following toxic chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 72.

Chemical Name	CAS#	%
Zinc Oxide	1314-13-2	1.0 – 5.0%

16 – Other Information**Recommended Uses And Restrictions**

Please consult the product and/or application information bulletins for this product.

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