

# MATERIAL SAFETY DATA SHEET

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

Product Name: Eraguard 1000 Winter Grade  
Product Number: pails, drums, totes  
Chemical Name: High solids elastomeric acrylic  
topcoat  
CAS Number: Blend

### Company Identification

ERSystems - Elastomeric Roofing Systems, Inc  
6900 Bleck Dr  
Rockford, MN 55373 USA  
1-800-403-7747 (For product information)  
1-800-535-5053 Infotrac (For emergencies)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### COMPONENT LISTING:

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
ZINC OXIDE	< 3.0 %	1314-13-2
ETHYLENE GLYCOL	< 2.0 %	107-21-1

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

## 3. HAZARDS IDENTIFICATION



\*\*\*\*\* EMERGENCY OVERVIEW \*\*\*\*\*  
\*  
\* CAUTION \*  
\*  
\* Prolonged or repeated contact may cause skin or eye \*  
\* irritation. May be harmful if swallowed. Protect \*  
\* from freezing. \*  
\* \*  
\*\*\*\*\*

HMIS Rating - Health: 1  
Flammability: 0  
Reactivity: 0  
Personal Protection Index: J

**POTENTIAL HEALTH EFFECTS**

**EYE:**  
Contact may cause eye irritation.

**SKIN:**  
Can cause moderate skin irritation.

**4. FIRST AID MEASURES**

**EYE CONTACT FIRST AID:**  
After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops or persists.

**SKIN CONTACT FIRST AID:**  
Remove contaminated clothing and shoes. Wash affected area immediately with large amounts of soap and water. Get medical attention if irritation develops or persists.

**INHALATION FIRST AID:**  
If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if cough or other symptoms develop.

**INGESTION FIRST AID:**  
Get immediate medical attention. Never give anything by mouth to an unconscious person.



## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

TCC Flash Point: 120.0 C (248.0 F)  
Autoignition Temperature: N/A

### FLAMMABLE LIMITS IN AIR

LEL: N/A  
UEL: N/A

### EXTINGUISHING MEDIA:

Water, carbon dioxide, foam or dry powder.

### FIRE & EXPLOSION HAZARDS:

No known unusual hazards in a fire/explosion situation.

### FIRE FIGHTING INSTRUCTIONS:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### SAFEGUARDS (PERSONNEL):

Wear safety goggles. Wear appropriate personal protective equipment.

### INITIAL CONTAINMENT:

Contain spilled material. Absorb spills with inert material.

### LARGE SPILLS PROCEDURE:

Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

## 7. HANDLING AND STORAGE

### RECOMMENDED STORAGE TEMPERATURE

Minimum: 15.6 C (60.1 F)  
Maximum: 26.7 C (80.1 F)

### SHELF LIFE: (in original, sealed containers)

8 months @ 26.7 C



(section 7 continued)

**HANDLING (PERSONNEL):**

Avoid prolonged or repeated contact with skin. Wash hands thoroughly after handling.

**HANDLING (PHYSICAL ASPECTS):**

Agitate containers before use. Keep from freezing. Keep out of reach of children.

**STORAGE PRECAUTIONS:**

Avoid extreme temperatures. Keep container closed when not in use. Store in a cool dry place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EYE / FACE PROTECTION REQUIREMENTS:**

Wear safety glasses. A respiratory protection program that meets OSHA's 29 CFR 1910-134 and ANSI Z88-2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**SKIN PROTECTION REQUIREMENTS:**

Selection of specific items such as gloves, boots, apron or full-body suit will depend on operation. Wash hands thoroughly after handling.

**RESPIRATORY PROTECTION REQUIREMENTS:**

When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

**EXPOSURE GUIDELINES:**

**ETHYLENE GLYCOL**

OSHA Ceiling Limit: 50 ppm, 125 mg/m<sup>3</sup>



**9. PHYSICAL AND CHEMICAL PROPERTIES**

FORM .....: Liquid  
COLOR .....: Blue then white  
ODOR .....: Faint Odor  
BOILING POINT .....: 212 F  
SOLUBILITY IN WATER .....: Miscible  
SPECIFIC GRAVITY .....: 1.5 (Water = 1)  
MELTING/FREEZING POINT .....: 32 F  
PH .....: 8.5 to 9.5  
VISCOSITY .....: 15,000 to 22,000 cps  
VOLATILE ORGANIC COMPOUNDS (VOC) ...: 0.13 lb/gallon

**10. STABILITY AND REACTIVITY**

**STABILITY:**

Stable.

**POLYMERIZATION:**

Product will not undergo polymerization.

**DECOMPOSITION:**

Decomposition will not occur if handled and stored properly.

**11. TOXICOLOGICAL INFORMATION**

No information available.

**12. ECOLOGICAL INFORMATION**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:**

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.



**14. TRANSPORTATION INFORMATION**

PRODUCT LABEL .....: Eraguard 1000 Winter Grade  
D.O.T. SHIPPING NAME ...: N/A  
D.O.T. HAZARD CLASS ....: Non-Hazardous

**15. REGULATORY INFORMATION**

**Canadian Disclosure List**

ZINC OXIDE (1314-13-2)  
ETHYLENE GLYCOL (107-21-1)

**SARA Title III - Section 313**

ZINC OXIDE (1314-13-2)  
ETHYLENE GLYCOL (107-21-1)

**CERCLA Hazardous Substances**

ETHYLENE GLYCOL (107-21-1) --

**Title V**

ETHYLENE GLYCOL (107-21-1)

**SC Toxic Air Pollutants List**

ETHYLENE GLYCOL (107-21-1)

**16. OTHER INFORMATION**

PREPARED BY .....: Laura Vollenweider  
APPROVED BY .....: Laura Vollenweider  
TITLE .....: Chemist  
APPROVAL DATE .....: March 10, 2009  
SUPERCEDES DATE ...: July 31, 2003  
MSDS NUMBER .....: acry00egp1000win  
RTN NUMBER .....: 00000023 (Official Copy)

**ADDITIONAL INFORMATION:**

The data in this Material Safety Data Sheet relates only to the specific material designated herein.



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To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data in this MSDS relate only to the specific material designated herein. We do not assume liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.

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**END OF MSDS**  
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