

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: EraPerm Clear
Product Number: pails, drums, totes
Chemical Name: Siliconized Wall Coating
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>
OCTYL TRIETHOXY SILANE	5.0 - 15.0 %	35435-21-3
OTHER I-OCTYLTRIETHOXYSILANES	< 1.0 %	N/A

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

3. HAZARDS IDENTIFICATION

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***** EMERGENCY OVERVIEW *****
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* CAUTION *
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* Prolonged or repeated contact may cause skin or eye *
* irritation. May be harmful if swallowed. *
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(section 4 continued)

INGESTION FIRST AID:

Get immediate medical attention. Never give anything by mouth to an unconscious person. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

PMCC Flash Point: 70 C (158.0 F)

Autoignition Temperature: 395 C (743.0 F)

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:

Prevent materials from entering sewers or surface waters. 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

HANDLING (PERSONNEL):

Avoid prolonged or repeated contact with skin. Wash hands thoroughly after handling. Ensure adequate ventilation. Spilled material increases risk of slipping.

HANDLING (PHYSICAL ASPECTS):

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

STORAGE PRECAUTIONS:

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

If spraying or other aerosol generating operations are performed, local exhaust ventilation designed to capture mists and sprays, such as a paint spray booth, is recommended.

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:

No Information Available.



9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: White
ODOR: Faint Odor
BOILING POINT: 212 F
SOLUBILITY IN WATER: Miscible
BULK DENSITY: 8.2 lbs/gallon
MELTING/FREEZING POINT: 32 F
VISCOSITY: 800 cPs
VOLATILE ORGANIC COMPOUNDS (VOC) ...: 0.13 lb/gallon

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Product will not undergo polymerization.

INCOMPATIBILITY WITH OTHER MATERIALS:

Some components may react with acids and basic materials to form ethanol.

DECOMPOSITION:

Ethanol, methanol.

CONDITIONS TO AVOID:

None known.

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.

CONTAINER DISPOSAL:

Completely discharge containers. Containers may be recycled or re-used. Observe local/state/federal regulations.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL: EraPerm Clear
D.O.T. SHIPPING NAME ...: N/A
D.O.T. HAZARD CLASS: Non-Hazardous

15. REGULATORY INFORMATION

No information available.

16. OTHER INFORMATION

PREPARED BY: Laura Vollenweider
APPROVED BY: Laura Vollenweider
TITLE: Chemist
APPROVAL DATE: October 20, 2004
SUPERCEDES DATE ...: New
MSDS NUMBER: acry00erperc05
RTN NUMBER: 00000064 (Official Copy)

ADDITIONAL INFORMATION:

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

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.

END OF MSDS

