

# MATERIAL SAFETY DATA SHEET

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

Product Name: Permaweld TPO T Joint Cover

### Company Identification

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

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### COMPONENT LISTING:

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
EPDM POLYMER	50.0 - 100.0 %	25038-36-2
BUTYL RUBBER, BROMINATED	50.0 - 100.0 %	68441-14-5
1-PROPENE, POLYMER WITH ETHENE	10.0 - 40.0 %	9010-79-1
FILLED POLYPROPYLENE	< 20.0 %	N/A
STABILIZERS	< 5.0 %	N/A

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

## 3. HAZARDS IDENTIFICATION





(section 4 continued)

**SKIN CONTACT FIRST AID:**

For skin contact, promptly wash with soap and water. If irritation develops or persists, get medical attention.

**INHALATION FIRST AID:**

If symptoms such as irritation or cough develop, seek immediate medical attention.

**INGESTION FIRST AID:**

If the material is swallowed, get immediate medical attention or advice -- do NOT induce vomiting unless instructed to do so by medical personnel.

**NOTES TO PHYSICIAN:**

Provide general supportive measures and treat symptomatically.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES**

COC Flash Point: > 200 C (> 392.0 F)  
Autoignition Temperature: N/A

**FLAMMABLE LIMITS IN AIR**

LEL: N/A  
UEL: N/A

**FLAMMABLE PROPERTIES:**

This product is not a fire hazard, but may burn. Heavy, dense, black smoke is emitted during combustion.

**EXTINGUISHING MEDIA:**

Water (preferred), dry chemical, foam.

**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. Toxic fumes and vapors may be evolved.

**COMBUSTION PRODUCTS:**

Upon decomposition, this product evolves soot, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.



## 6. ACCIDENTAL RELEASE MEASURES

**SAFEGUARDS (PERSONNEL):**

Keep unnecessary personnel away.

**INITIAL CONTAINMENT:**

Due to the physical nature of this material, containment is not necessary.

**LARGE SPILLS PROCEDURE:**

Shovel material into waste container. If it cannot be reused, place in covered container for disposal.

## 7. HANDLING AND STORAGE

**HANDLING (PERSONNEL):**

Wash thoroughly after handling.

**HANDLING (PHYSICAL ASPECTS):**

Do not store or handle at temperatures exceeding 130 F.

**STORAGE PRECAUTIONS:**

Keep this material in a cool, dry space.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:**

Use general ventilation and local exhaust, where possible, in confined or enclosed spaces. Special care must be taken to avoid generation of dusts.

**EYE / FACE PROTECTION REQUIREMENTS:**

Wear safety glasses.

**SKIN PROTECTION REQUIREMENTS:**

Wear impervious gloves for prolonged contact.

**RESPIRATORY PROTECTION REQUIREMENTS:**

If ventilation is not sufficient to effectively remove and prevent buildup of dusts or processing fumes, appropriate NIOSH approved HEPA cartridge respirator must be provided.

**EXPOSURE GUIDELINES:**

No Information Available.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM .....: Solid  
COLOR .....: White tape with paper liner or sided with white or grey memb  
SPECIFIC GRAVITY ...: 0.97 (Water = 1)  
% VOLATILES .....: 0.7% maximum %

## 10. STABILITY AND REACTIVITY

### STABILITY:

Stable.

### POLYMERIZATION:

Product will not undergo polymerization.

### INCOMPATIBILITY WITH OTHER MATERIALS:

None known.

### DECOMPOSITION:

Upon decomposition, this product evolves soot, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

### CONDITIONS TO AVOID:

Avoid open flames and excessive temperatures. Keep away from ignition sources and incompatible materials.

## 11. TOXICOLOGICAL INFORMATION

No information available.

## 12. ECOLOGICAL INFORMATION

### ENVIRONMENTAL HAZARDS:

No information is available for this product.

## 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 .....: Permaweld TPO T Joint Cover  
D.O.T. SHIPPING NAME ...: Not regulated  
D.O.T. HAZARD CLASS ....: Not Regulated  
UN NUMBER .....: None

**15. REGULATORY INFORMATION**

No information available.

**16. OTHER INFORMATION**

PREPARED BY .....: Laura Vollenweider  
APPROVED BY .....: Laura Vollenweider  
TITLE .....: Chemist  
APPROVAL DATE .....: April 11, 2006  
SUPERCEDES DATE ...: New  
MSDS NUMBER .....: TPOPOOJTV0000-100  
RTN NUMBER .....: 00000131 (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 products 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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