

# MATERIAL SAFETY DATA SHEET

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

Product Name: Cured Cover Tape  
Chemical Name: Rubber Tape

### 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 (For emergencies)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### COMPONENT LISTING:

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
OLEFIN POLYMER	48.0 - 52.0 %	Trade Secret
CARBON BLACK	2.8 - 7.0 %	1333-86-4
PHENOLIC RESIN	2.8 - 7.0 %	Trade Secret
ZINC OXIDE	1.0 - 4.9 %	1314-13-2
SYNTHETIC RUBBER	34.0 - 38.0 %	Trade Secret

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

## 3. HAZARDS IDENTIFICATION

NFPA Rating - Health: 0  
Flammability: 1  
Reactivity: 0

### POTENTIAL HEALTH EFFECTS

#### EYE:

Unlikely to cause eye irritation or injury.



(section 3 continued)

**SKIN:**

May cause mild skin irritation. Symptoms may include redness and burning of the skin.

**INHALATION:**

Breathing of this material is unlikely.

**INGESTION:**

Ingestion is not considered a potential route of exposure.

**SIGNS AND SYMPTOMS OF EXPOSURE:**

No data.

**CARCINOGENICITY INFORMATION:**

This material is not listed as carcinogenic by IARC, OSHA, or the National Toxicology Program. Carbon black has been shown to cause cancer in laboratory animals. The relevance of this finding to humans is uncertain. Carbon black is listed as a carcinogen by IARC. Exposure to these materials is unlikely during normal handling and use since they are bound up within a solid material.

**TARGET ORGAN:**

No data.

#### 4. FIRST AID MEASURES

**EYE CONTACT FIRST AID:**

No data.

**SKIN CONTACT FIRST AID:**

Remove contaminated clothing. Wash affected area immediately with large amounts of soap and water. Get medical attention if irritation develops or persists. Wash clothing before reuse.

**INHALATION FIRST AID:**

No data.

**INGESTION FIRST AID:**

No data.

**NOTES TO PHYSICIAN:**

No data.



## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

COC Flash Point: > 110.0 C (> 230.0 F)

Autoignition Temperature: N/A

### FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

### EXTINGUISHING MEDIA:

Regular foam, water fog, carbon dioxide, dry chemical.

### FIRE & EXPLOSION HAZARDS:

No known unusual hazards in a fire/explosion situation.

### FIRE FIGHTING INSTRUCTIONS:

Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

### COMBUSTION PRODUCTS:

May form: carbon dioxide and carbon monoxide, phenols, zinc oxide fumes, various hydrocarbons.

## 6. ACCIDENTAL RELEASE MEASURES

### LARGE SPILLS PROCEDURE:

No data.

### SMALL SPILLS PROCEDURE:

No data.

## 7. HANDLING AND STORAGE

### HANDLING (PERSONNEL):

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be followed.



## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### ENGINEERING CONTROLS:

Not required under normal conditions of use.

### EYE / FACE PROTECTION REQUIREMENTS:

Not required under normal conditions of use.

### SKIN PROTECTION REQUIREMENTS:

Not required under normal conditions of use. Wear normal work clothing covering arms and legs.

### RESPIRATORY PROTECTION REQUIREMENTS:

Not required under normal conditions of use.

### EXPOSURE GUIDELINES:

#### CARBON BLACK

OSHA PEL: 3.5 mg/m<sup>3</sup>  
OSHA TWA: 3.5 mg/m<sup>3</sup>  
ACGIH TWA: 3.5 mg/m<sup>3</sup>

#### ZINC OXIDE

OSHA TWA: 10.000 mg/m<sup>3</sup>  
ACGIH TWA: 5.000 mg/m<sup>3</sup>  
OSHA STEL: 10.000 mg/m<sup>3</sup>  
ACGIH STEL: 10.000 mg/m<sup>3</sup>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM .....: Solid  
COLOR .....: No data  
ODOR .....: No data  
SPECIFIC GRAVITY ...: .890 @ 77.0 F (Water = 1)

## 10. STABILITY AND REACTIVITY

### STABILITY:

Stable.

### POLYMERIZATION:

Product will not undergo hazardous polymerization.

### INCOMPATIBILITY WITH OTHER MATERIALS:

No data.



(section 10 continued)

**DECOMPOSITION:**

May form: carbon dioxide and carbon monoxide, phenols, zinc oxide fumes, various hydrocarbons.

**11. TOXICOLOGICAL INFORMATION**

No information available.

**12. ECOLOGICAL INFORMATION**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:**

Deposit in a landfill in accordance with local, state and federal regulations.

**14. TRANSPORTATION INFORMATION**

PRODUCT LABEL .....: Cured Cover Tape  
D.O.T. SHIPPING NAME ...: N/A  
D.O.T. HAZARD CLASS ....: Non-Hazardous  
PRODUCT RQ (LBS) .....: 49 CFR 172.101

**MISCELLANEOUS:**

The DOT Transport Information may vary with the container and mode of shipment.

**15. REGULATORY INFORMATION**

**Canadian Disclosure List**

CARBON BLACK (1333-86-4)  
ZINC OXIDE (1314-13-2)



**16. OTHER INFORMATION**

PREPARED BY .....: Laura Vollenweider  
APPROVED BY .....: Laura Vollenweider  
TITLE .....: Chemist  
APPROVAL DATE .....: October 24, 2005  
SUPERCEDES DATE ...: February 3, 2004  
RTN NUMBER .....: 0000053 (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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