



**UNCURED FLASHING 12" ROLL** **UNCURED FLASHING 12" ROLL**

Version 2.0

Print Date 08/18/2012

REVISION DATE: 07/08/2012

**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : UNCURED FLASHING 12" ROLL  
 Product code : 68212B503

COMPANY : Tremco Incorporated  
 3735 Green Road  
 Cleveland, OH 44122

Telephone : (216) 292-5000 8:30 - 5:00 EST  
 Emergency Phone: : (216) 765-6727 8:30 - 5:00 EST  
 After Hours: Chemtrec 1-800-424-9300

Product use : Tape

RECEIVED KODA  
12 AUG 27 PM 3:24

**SECTION 2 - HAZARDS IDENTIFICATION**

Emergency Overview

Solid. No serious effects anticipated under normal conditions of use. Generally not required under normal conditions of use.

Acute Potential Health Effects/ Routes of Entry

Inhalation : No serious effects anticipated under normal conditions of use.  
 Eyes : Not applicable under normal conditions of use. Direct contact may cause temporary redness and discomfort.  
 Ingestion : No known adverse effects.  
 Skin : No effects anticipated.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Carbon black is classified by IARC to be a known animal carcinogen and a possible human carcinogen (Group 2B). Carbon black is encapsulated by resin and not expected to have adverse effects unless made airborne. Overexposure to sublimed zinc oxide may produce symptoms known as "zinc oxide chills" which have no recognized complications. Symptoms usually disappear within 24 hours. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

**SECTION 3 - PRODUCT COMPOSITION**

Chemical Name	CAS-No.	Weight %
EPDM Membrane	NJ TSRN# 51721300-5314P	40.0 - 70.0
Olefin Polymer	NJ TSRN# 51721300-5309P	15.0 - 40.0
Synthetic Rubber	NJ TSRN# 51721300-5310P	15.0 - 40.0
Carbon Black	1333-86-4	1.0 - 5.0
Phenolic Resin	NJ TSRN# 51721300-5311P	1.0 - 5.0
Zinc oxide	1314-13-2	1.0 - 5.0

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**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

- Inhalation : Generally not required under normal conditions of use.
- Eye contact : Generally not required under normal conditions of use.
- Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Get medical attention. Do not induce vomiting.

**SECTION 5 - FIRE FIGHTING MEASURES**

- Flash point : 230 °F, 110 °C
- Method : Setflash Closed Cup
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : If water fog is ineffective, use carbon dioxide, dry chemical or foam.
- Hazardous combustion products : Smoke, fumes. Carbon monoxide and carbon dioxide can form.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
- Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Transfer to appropriate container for disposal.

**SECTION 7 - HANDLING AND STORAGE**

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Store under dry warehouse conditions away from heat and all ignition sources.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protection equipment**

- Respiratory protection : Not required under normal conditions of use.
- Hand protection : Protect hands with impervious gloves.
- Eye protection : Generally not required under normal conditions of use. Use safety glasses if eye contact is likely.
- Skin and body protection : Not required.
- Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.



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Engineering measures : Not required under normal conditions of use. Use only in well ventilated areas. Provide maximum ventilation in enclosed areas.

**Exposure Limits**

Chemical Name	CAS Number	Regulation	Limit	Form
Carbon Black	1333-86-4	ACGIH TWA:	3.5 mg/m3	Total dust. Respirable fraction.
		OSHA PEL:	3.5 mg/m3	
		OSHA TWA:	15 mg/m3	
		OSHA TWA:	5 mg/m3	
Zinc oxide	1314-13-2	ACGIH TWA:	2 mg/m3	Respirable fraction.
		ACGIH STEL:	10 mg/m3	Respirable fraction.
		OSHA PEL:	5 mg/m3	Fume.
		OSHA PEL:	5 mg/m3	Respirable fraction.
		OSHA PEL:	15 mg/m3	Total dust.
		OSHA TWA:	15 mg/m3	Total dust.
		OSHA TWA:	5 mg/m3	Respirable fraction.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Form : Solid  
 Odor : Negligible  
 pH : Not available.  
 Vapour pressure : Not available.  
 Vapor density : Heavier than air  
 Melting point/range : Not available.  
 Freezing point : Not available.  
 Boiling point/range : Not available.  
 Water solubility : Insoluble  
 Specific Gravity : 0.890 at 77 °F  
 % Volatile Weight : 0 %

**SECTION 10 - REACTIVITY / STABILITY**

Substances to avoid : Oxidizing agents.  
 Stability : Material is stable under normal storage, handling, and use.  
 Hazardous polymerization : Will not occur under normal conditions.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Zinc oxide, CAS-No.: 1314-13-2  
 Acute oral toxicity (LD-50 oral) 7,950 mg/kg ( Mouse ) 7,950 mg/kg ( Mouse )



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**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Disposal Method : Waste not regulated under RCRA. Incinerate at EPA approved facility or dispose of waste in compliance with state and local regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA**

**CFR / DOT:**

Not Regulated

**TDG:**

Not Regulated

**IMDG:**

Not Regulated

**SECTION 15 - REGULATORY INFORMATION**

**North American Inventories:**

All components are listed or exempt from the TSCA inventory.  
This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

**U.S. Federal Regulations:**

SARA 313 Components : Zinc oxide 1314-13-2

SARA 311/312 Hazards : Chronic Health Hazard

OSHA Hazardous Components :

Carbon Black 1333-86-4  
Zinc oxide 1314-13-2

OSHA Status: Considered : Carcinogen  
hazardous based on the  
following criteria:

OSHA Flammability : IIIB

Regulatory VOC (less water and  
exempt solvent) : 0 g/l



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VOC Method 310 : 0 %

Chemical is listed as an IARC, NTP, OSHA, or ACGIH Carcinogen:  
Carbon Black 1333-86-4

**U.S. State Regulations:**

- MASS RTK Components : Carbon Black 1333-86-4  
Zinc oxide 1314-13-2
- Penn RTK Components : EPDM Membrane NJ TSRN# 51721300-5314P  
Olefin Polymer NJ TSRN# 51721300-5309P  
Synthetic Rubber NJ TSRN# 51721300-5310P  
Carbon Black 1333-86-4  
Zinc oxide 1314-13-2
- NJ RTK Components : EPDM Membrane NJ TSRN# 51721300-5314P  
Olefin Polymer NJ TSRN# 51721300-5309P  
Synthetic Rubber NJ TSRN# 51721300-5310P  
Carbon Black 1333-86-4  
Phenolic Resin NJ TSRN# 51721300-5311P  
Zinc oxide 1314-13-2

Components under California Proposition 65:

**WARNING!** Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm

**SECTION 16 - OTHER INFORMATION**

**HMIS Rating :**

Health	1
Flammability	1
Reactivity	0
PPE	

- 0 = Minimum
- 1 = Slight
- 2 = Moderate
- 3 = Serious
- 4 = Severe

**Further information:**

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

**Prepared by: Rich Mikol**

**Legend**

- ACGIH - American Conference of Governmental Hygienists
- CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
- DOT - Department of Transportation
- DSL - Domestic Substance List
- EPA - Environmental Protection Agency
- HMIS - Hazardous Materials Information System
- IARC - International Agency for Research on Cancer
- MSHA - Mine Safety Health Administration
- NDSL - Non-Domestic Substance List

- PEL - Permissible Exposure Limit
- RCRA - Resource Conservation and Recovery Act
- RTK - Right To Know
- SARA - Superfund Amendments and Reauthorization Act
- STEL - Short Term Exposure Limit
- TLV - Threshold Limit Value
- TSCA - Toxic Substances Control Act
- TWA - Time Weighted Average
- V - Volume



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NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

VOC - Volatile Organic Compound

WHMIS - Workplace Hazardous Materials Information System