



**TPO 60 MIL WHITE SHEET 78" X 100'**

Version 4.0  
 REVISION DATE: 07/11/2014

Print Date 08/02/2014

**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : TPO 60 MIL WHITE SHEET 78" X 100'  
 Product code : TPO600 503  
 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 : Roof Sheeting

RECEIVED KCBDA  
 14 AUG 11 AM 11:11

**SECTION 2 - HAZARDS IDENTIFICATION**

Emergency Overview

White. Solid ply rolls. Not applicable under normal conditions of use. Generally not required under normal conditions of use.

Acute Potential Health Effects/ Routes of Entry

Inhalation : Not applicable under normal conditions of use.  
 Eyes : Not applicable under normal conditions of use.  
 Ingestion : Not applicable under normal conditions of use.  
 Skin : May cause mild irritation.

Aggravated Medical Conditions

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

Chronic Health Effects

This product contains granular materials which may cause mechanical skin, eye or respiratory irritation.

Target Organs: Skin, Eye, Lung

**SECTION 3 - PRODUCT COMPOSITION**

Chemical Name	CAS-No.	Weight %
Ethylene/propylene copolymer	NJ TSRN# 51721300-5172P	> 60.0
Magnesium Hydroxide	1309-42-8	15.0 - 40.0
Polyester	25038-59-9	10.0 - 30.0
Titanium dioxide	13463-67-7	1.0 - 5.0

**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

Inhalation : Generally not required under normal conditions of use.



**TPO 60 MIL WHITE SHEET 78" X 100'**

Version 4.0  
 REVISION DATE: 07/11/2014

Print Date 08/02/2014

- Eye contact : Generally not required under normal conditions of use.
- Skin contact : Clean area of contact thoroughly using soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Not applicable under normal conditions of use.
- Notes to physician : Not applicable.

**SECTION 5 - FIRE FIGHTING MEASURES**

- Flash point : Not available.
- Method : Not available.
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Hazardous combustion products : Hydrogen sulfide and hydrocarbon fractions.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Scrape up and transfer to appropriate container for disposal.

**SECTION 7 - HANDLING AND STORAGE**

Store under normal warehouse conditions.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Personal protection equipment**

- Respiratory protection : Not required under normal conditions of use.
- Hand protection : Use suitable impervious leather gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection.
- Skin and body protection : Not required.
- Protective measures : Other equipment not normally required.
- Engineering measures : General ventilation is sufficient.

**Exposure Limits**

**TPO 60 MIL WHITE SHEET 78" X 100'**

Version 4.0

Print Date 08/02/2014

REVISION DATE: 07/11/2014

Chemical Name	CAS Number	Regulation	Limit	Form
Titanium dioxide	13463-67-7	ACGIH TWA:	10 mg/m3	Total dust. Total dust. Respirable fraction.
		OSHA PEL:	15 mg/m3	
		OSHA TWA:	15 mg/m3	
		OSHA TWA:	5 mg/m3	

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Form : Solid ply rolls  
 Color : White  
 Odor : None  
 pH : Not available.  
 Vapour pressure : Not available.  
 Vapor density : Not available.  
 Melting point/range : Not available.  
 Freezing point : Not available.  
 Boiling point/range : Not available.  
 Water solubility : Not available.  
 Specific Gravity : 1  
 % Volatile Weight : 0 %

**SECTION 10 - REACTIVITY / STABILITY**

Stability : Material is stable under normal storage, handling, and use.  
 Hazardous polymerization : Will not occur.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Magnesium Hydroxide, CAS-No.: 1309-42-8  
 Acute oral toxicity (LD-50 oral) 8,500 mg/kg ( Rat )

Titanium dioxide, CAS-No.: 13463-67-7  
 Acute oral toxicity (LD-50 oral) 25,000 mg/kg ( Rat ) 5,000 mg/kg ( Rat ) 5,000 mg/kg ( Rat )  
 2,000 mg/kg ( Rat ) 11,000 mg/kg ( Rat )  
 Acute inhalation toxicity (LC-50) > 6.82 mg/l for 4 h ( Rat ) 3.43 mg/l for 4 h ( Rat ) 5.09 mg/l  
 for 4 h ( Rat ) > 2.28 mg/l for 4 h ( Rat ) > 3.56 mg/l for 4 h ( Rat )



**TPO 60 MIL WHITE SHEET 78" X 100'**

Version 4.0  
REVISION DATE: 07/11/2014

Print Date 08/02/2014

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Disposal Method : As purchased, this product, when discarded, is not a listed or characteristic hazardous waste according to Federal regulations (40 CFR 261). Check local, regional, state or provincial regulations for applicable requirements for disposal. Any processing, using, alteration or chemical additions to the product, as purchased, may alter the disposal requirements. Under Federal regulations, it is the generator's responsibility to determine if a waste is a hazardous waste. Empty containers may retain product residue. Do not reuse.

**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 : None present or none present in regulated quantities.

SARA 311/312 Hazards : Acute Health Hazard

**OSHA Hazardous Components :**

Titanium dioxide 13463-67-7

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

**TPO 60 MIL WHITE SHEET 78" X 100'**

Version 4.0  
 REVISION DATE: 07/11/2014

Print Date 08/02/2014

OSHA Flammability : Not Regulated

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

VOC Method 310 : 0.00 %

**U.S. State Regulations:**

MASS RTK Components	:	Titanium dioxide	13463-67-7
Penn RTK Components	:	Ethylene/propylene copolymer	NJ TSRN# 51721300-5172P
		Magnesium Hydroxide	1309-42-8
		Polyester	25038-59-9
		Titanium dioxide	13463-67-7
NJ RTK Components	:	Ethylene/propylene copolymer	NJ TSRN# 51721300-5172P
		Magnesium Hydroxide	1309-42-8
		Polyester	25038-59-9
		Titanium dioxide	13463-67-7

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	0
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                         | PEL - Permissible Exposure Limit                    |
| CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act | RCRA - Resource Conservation and Recovery Act       |
| DOT - Department of Transportation   | RTK - Right To Know                                 |
| DSL - Domestic Substance List  | SARA - Superfund Amendments and Reauthorization Act |
| EPA - Environmental Protection Agency  | STEL - Short Term Exposure Limit                    |
| HMIS - Hazardous Materials Information System                                  | TLV - Threshold Limit Value                         |
| IARC - International Agency for Research on Cancer                             | TSCA - Toxic Substances Control Act                 |
| MSHA - Mine Safety Health Administration                                       | TWA - Time Weighted Average                         |
| NDSL - Non-Domestic Substance List   | V - Volume  |
| NIOSH - National Institute for Occupational Safety and Health                  | VOC - Volatile Organic Compound                     |



**TPO 60 MIL WHITE SHEET 78" X 100'**

Version 4.0  
REVISION DATE: 07/11/2014

Print Date 08/02/2014

NTP - National Toxicology Program  
OSHA - Occupational Safety and Health Administration

WHMIS - Workplace Hazardous Materials Information System