

Local Phone: 203-575-9220

MATERIAL SAFETY DATA SHEET

Business Hours: 8 am - 5 pm

Toll Free: 1-800-537-7663

2001 INC.

P.O. BOX 2557 WATERBURY, CT 06723-2557
325 THOMASTON AVE.
WATERBURY, CT 06702

Emergency Telephone

1-800-255-3924

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Supersedes All Previous Publications

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SECTION I PRODUCT INFORMATION

PRODUCT NAME AND SYNONYMS: TPO UNCURED FLASHING
CHEMICAL FAMILY: Non-Vulcanized EPDM Rubber

PRODUCT USE: Roofing Flashing
FORMULA: Mixture

SECTION II (A) HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	%	TWA	PEL (ppm)			SKIN DESIG NATION	LD50OF INGREDIENT (SPECIFY SPECIES & ROUTE) (mg/kg)	LC50OF INGREDIENT (SPECIFY SPECIES) (ppm/4H)
				STEL	CEILING				
Titanium Oxide	13463-67-7	6.8	5mg/m ³ (as dust)				N/E	orl-rat: 24,000	N/E
Carbon Black	1333-86-4	17.2	3.5mg/m ³ (as dust)				N/E	N/E	N/E
Kaolin Clay	1332-58-7	8.3	5mg/m ³ (as dust)				N/E	N/E	N/E
Silica, amorphous	007631-86-9	3.7	80mg/m ³				N/E	N/E	N/E
Zinc Oxide	1314-13-2	0.8	5mg/m ³ (as fume)				N/E	N/E	N/E
Zinc Dimethyl Dithiocarbamate	137-30-4	0.2					N/E	N/E	N/E
Zinc Dibutyl Dithiocarbamate	136-23-2	0.4					N/E	N/E	N/E

N/E = Not Established N/A = Not Applicable H = Hours

SECTION II (B) ADDITIONAL INGREDIENTS (>3%)

Ingredients: EPDM Polymer - CAS # 25038-36-2
Petroleum Hydrocarbon Oil - CAS # 8042-47-5

SECTION III PHYSICAL DATA

Physical State	Odor and Appearance	VOC (grams/Liter)	Odor Threshold (ppm)	Vapor Pressure (mm Hg)
Solid	Rubber-like odor, white-on-black sheet.	N/A	N/A	N/A
Vapor Density (AIR=1)	Evaporation Rate (nBuAc=1)	Boiling Point (°C)	Freezing Point (°C)	Ph
N/A	N/A	N/A	N/A	N/A
Specific Gravity	Coeff Water/Oil Dist	Solubility in Water	Volatiles by Wt (%)	Corrosivity
1.22	N/A	Insoluble	N/A	N/A

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flammability: Yes No X If Yes, Under Which Conditions?

Flashpoint (°C) And Method Autoignition Temperature (°C) Lower Flammable Limit (% By Vol) Upper Flammable Limit (% by Vol)
Above 260°C Open Cup N/E N/E N/E

Hazardous Combustion Products: Toxic gases or vapors, such as carbon monoxide, carbon dioxide, or oxides of nitrogen may be released in a fire.

EXPLOSION DATA:

Sensitivity To Impact: None known

Sensitivity To Static Discharge: None known

Extinguishing Media: Standard fire extinguishers—water fog followed by coarse stream.

Special Fire Fighting Procedures: Wear respirator; avoid breathing smoke.

Unusual Fire And Explosion Hazards: None known

=====**SECTION V REACTIVITY DATA**=====

Chemical Stability: Stable **Hazardous Polymerization:** Will not occur.
Conditions to Avoid: Open flames.
Incompatibility (Materials to Avoid): None
Hazardous Decomposition Products: Toxic gases or vapors, such as carbon monoxide, carbon dioxide, or oxides of nitrogen may be released in a fire.

=====**SECTION VI TOXICOLOGICAL PROPERTIES**=====

Route of Entry: Skin Contact X Skin Absorption Eye Contact Inhalation Ingestion

Effects of Acute Exposure To Product: Possible skin irritation on contact.

Effects of Chronic Exposure: Possible skin irritation on contact.

Exposure Limits	Irritancy of Product	Sensitizations To Product	Carcinogenicity
N/E	May irritate skin.	May cause skin sensitization in some people.	No evidence

Teratogenicity	Reproductive Toxicity	Mutagenicity	Synergistic Products	Tumorigenicity
No evidence	No evidence	No evidence	None known	No evidence

=====**SECTION VII PREVENTIVE MEASURES**=====

PERSONAL PROTECTIVE EQUIPMENT:

- Gloves:** Gloves are recommended to prevent skin contact.
- Respirator:** None
- Eye:** None
- Footwear:** None
- Clothing:** None
- Other:** None

Engineering Controls (EG., Ventilation, Enclosed Process): None required.

Leak or Spill Procedure: Handle as normal solid waste.

Waste Disposal: Dispose of in accordance with all local, state, and federal regulations.

Handling Procedures and Equipment: None required.

Storage Requirements: None required.

Special Shipping Information: None

=====**SECTION VIII FIRST AND MEASURES**=====

Specific Measures:

Skin Contact: Wash with soap and water. Get medical attention if reaction develops and irritation persists.

=====**SECTION IX ADDITIONAL REGULATORY INFORMATION**=====

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning And Community Right-To-Know Act of 1986 and of 40 CFR 372:
ZINC OXIDE, CAS# 1314-13-2, 0.8%
ZINC DIMETHYL DITHIOCARBAMATE, CAS# 137-30-4, 0.2%
ZINC DIBUTYL DITHIOCARBAMATE, CAS# 136-23-2, 0.4%

California Proposition 65

This product contains the following chemicals known to the State of California to cause cancer:
ACETALDEHYDE, CAS# 75-07-0
ETHYLENE OXIDE, CAS# 75-21-8
1,4- DIOXANE, CAS# 123-91-1
FORMALDEHYDE, CAS# 50-00-0

=====**SECTION X PREPARATION INFORMATION**=====

DISCLAIMER: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.