

# TITANIUM™ Roofing Products Information

## TITANIUM™ PSU-30 PEEL & STICK Synthetic Roofing Underlayment



### Material Safety Data Sheet

#### I. Product Identification and Use:

Product Identification: TITANIUM™ PSU-30

Product Use/Description: Coated woven polyolefin self adhesive membrane for use as a roofing underlayment for use as a roofing underlayment

Product Composition: <25% Polyolefin Plastic <75% Rubberized Asphalt

#### II. Hazardous Ingredients:

Hazardous Component	ACGIH TLV	LD50	%Wt
Petroleum Asphalt	5.0mg/m	5-15g/kg	> 50%
CAS # 8052-42-4			
Petroleum Oil	0.2000	TWA	>15%
CAS # 64741-88-4			

#### III. Physical Data:

- Physical State: Solid.
- Odor and Appearance: Slight Petroleum Odor, Pigmented Woven fabric.
- Odor threshold (ppm): N.Ap.
- Vapor Pressure (mmHg): N.Ap.
- Vapor Density (Air = 1): N.Ap.
- Evaporation rate: N.Ap.
- Boiling Point (oC): N.Ap.
- Freezing Point (oC): N.Ap.
- pH: N.Ap.
- Specific Gravity: 1.2
- Coef. Water/oil Dist. N.Ap.

#### IV. Fire and Explosion Data:

- Flammability: Will Support Combustion under direct flame
- Fire Fighting Procedure: The use of self-contained breathing apparatus is recommended for firefighters.
- Means of extinction: Water spray and dry chemicals.
- Flash point (oC) and Method: >410°F (T.O.C.).
- Upper flammable limit (% by volume): N.Ap.
- Lower flammable limit (% by volume): N.Ap.
- Hazardous combustion products: Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides and Sulfur
- Explosion Data: Not sensitive to impact nor to static discharge.

#### V. Reactivity Data:

- Chemical stability: Yes.
- Incompatibility with other substances: None
- Reactivity: Non-reactive
- Hazardous decomposition products: No data.

#### VI. Toxicological properties:

- Route of entry: Skin, Ingestion
  - Skin: Avoid contact with skin. Excessive exposure may cause irritation to eyes, nose, throat and skin. Prolonged and repeated skin contact may cause skin irritation.
  - Ingestion: Slightly toxic
- Emergency and First Aid Procedures  
Inhalation: Not Applicable.  
Skin: Wash thoroughly with soap and water. If redness or irritation develops, obtain medical assistance.  
Eyes: Flush with water at least 15 minutes. Obtain medical assistance.  
Ingestion: Drink liquids. Obtain medical assistance.  
Medical Conditions Aggravated by Exposure: Disorders or Diseases of the Skin, Eyes, Respiratory Track or Allergies  
Carcinogenicity: No NTP: No IARC Monographs  
OSHA Regulated Irritant: Yes Sensitizer: Yes  
Mutagenic: No Teratogenic: No

#### VII. Preventive Measures:

- Gloves: Recommended
- No respirator required under normal use.
- Leak and spill procedure: N.Ap.
- Waste disposal: See your local authorities for disposal instructions.
- Handling and Storage: Rolls should be adequately restrained to prevent shifting during handling and storage.
- Storage Requirements: N.Ap.
- Special shipping information: None.

#### IX. Other Information:

- DOT Shipping Name: Asphaltic Roofing Material
- DOT Hazard Class: Not Required

Prepared by: IW R&D group. (604) 820-5400

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\*N.Ap. None Applicable



**InterWrap Inc.**  
**Customer Service**  
**Toll Free: 1-888-713-7663**

Fax: 1-604-820-5420

E-mail: [info@interwrap.com](mailto:info@interwrap.com)

32923 Mission Way,

Mission, BC Canada, V2V 6E4

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**TITANIUM™**  
SYNTHETIC ROOFING UNDERLAYMENT

Roofers rely on it.