TITANIUM® PSU-30

Peel & Stick Synthetic Roofing Underlayment with Ice Damming Protection

PSU30 MSDS

I. Product Identification and Use:

Product Identification: Titanium PSU
Product Use/Description: Coated woven polyolefin self adhesive membrane 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:

a. Physical State: Solid.
b. Odor and Appearance: Pigmented Woven fabric Slight Petroleum Odor
c. Odor threshold (ppm): N.Ap.
d. Vapor Pressure (mmHg): N.Ap.
e. Vapor Density (Air = 1): N.Ap.
f. Evaporation rate: N.Ap.
g. Boiling Point (oC): N.Ap.
h. Freezing Point (oC): N.Ap.
i. pH: N.Ap.
j. Specific Gravity: 1.2
k. Coef. Water/oil Dist. N.Ap.

IV. Fire and Explosion Data:

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

V. Reactivity Data:

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

VI. Toxicological properties:

a. Route of entry: Skin , Ingestion
b. 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.
c. 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:

a. Gloves: Recomended
b. No respirator required under normal use.
c. Leak and spill procedure: N.Ap.
d. Waste disposal: See your local authorities for disposal instructions.
e. Handling and Storage: Rolls should be adequately restrained to prevent shifting during handling and storage.
f. Storage Requirements: N.Ap.
g. Special shipping information: None.
IX. Other Information:
a. Shipping Name: Asphaltic Roofing Material
b. DOT Hazard Class: Not Required

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