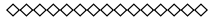


TITANIUM® UDL-30

Professional Grade Synthetic Roofing Underlayment

UDL30 MSDS



I. Product Identification and Use:

Product Identification: Titanium UDL
Product Use/Description: Coated woven polyolefin for use as a roofing underlayment
Product Composition: 95% polyolefin, 5% polymer blend

II. Hazardous Ingredients:

This is not a hazardous product as defined by WHMIS

III. Physical Data:

- a. Physical State: Solid
- b. Odor and Appearance: Pigmented odorless Woven fabric
- 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: N.Ap.
- k. Coef. Water/oil Dist. N.Ap.

IV. Fire and Explosion Data:

- a. Flammability: Not flammable, but in case of a fire it will contribute.
- b. Means of extinction: Water spray and dry chemicals.
- c. Flash point (oC) and Method: N.Ap.
- d. Upper flammable limit (% by volume): N.Ap.
- e. Lower flammable limit (% by volume): N.Ap.
- f. Hazardous combustion products: Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides
- g. 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: N. Ap.
- b. Effects of acute exposure to product: None known.
- c. Effects of chronic exposure to product: None known.
- d. Exposure Limits: Not available.
- e. Irritancy of product: N.Ap.
- f. Carcinogenicity: Not on IARC list.
- g. Synergistic Products: None known

VII. Preventive Measures:

- a. Gloves: N.Ap.
- 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.

VIII. First aid measures:

*N.Ap.

IX. Other Information:

- a. DOT Shipping Name: Not Available
- b. DOT Hazard Class: Not Available

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

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*N.Ap. None Applicable



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