

SuperThermoLay Minus 5 °C

Polyester Reinforced APP Modified WP Membrane With Minus 5°C Cold Flexibility



Material Safety Data Sheet

Identification of the substance/preparation and of the company/undertaking

Trade Name	SuperThermoLay Minus 5 °C
Intended Use	Waterproofing For Building Roof
Company Name	STP Limited 43 Nehru Place 707 Chiranjiv Towers, New Delhi 110019, India Phone : +91 11 4656 1359 Fax : +91 11 4656 1358
Emergency Information	Phone : +91 81302 98888 Fax : +91 11 4656 1358

[1] Composition / information on ingredients

Bituminous Blend

Component	%	CAS No
Bitumen	30-60 %	8052-42-4
Calcium carbonate	30-60%	471-34-1
Atactic polypropylene	7-20%	9003-08-0
	Reinforcement	
Polyester mat	3-7 %	N/A
	Under face and surface finish	
Polyethylene films	0-10 %	9002-88-4
Slate flakes crystalline silica	0-13 %	14808-60-7

[2] Hazards Identification

Inhalation	The product is not likely to cause effects on the respiratory system. If the membrane is torch-applied, asphalt fumes can be emitted of the product and cause irritations to the nose, the throat and the respiratory tracts, tiredness, headaches, dizziness, nausea and insomnia.
Ingestion	Exposure is not likely to occur by this route of entry under normal use of the product.
Skin Contact	The repeated or prolonged contact can cause irritation. If the membrane is torch-applied, asphalt fumes can be emitted. The long-term exposure to the asphalt fumes can cause changes of

	the pigmentation of the skin which can be worsened by the exposure to the sun. (1)
Eye Contact	The product is not likely to cause effects to the eyes. If the membrane is torch-applied, asphalt fumes can be emitted of the product and cause irritations, redness and conjunctivitis to the eyes. The contact with this product at high temperature can cause thermal burns.

[3] First-aid Measures

Inhalation	Remove to fresh air. Give oxygen / artificial respiration if needed. Consult Doctor.
Ingestion	Do not induce vomiting. Give plenty of milk or water. Consult Doctor.
Eye Contact	Flush with copious clean water minimum 15 minutes ensure thorough irrigation. Consult Doctor.
Skin Contact	Remove contaminated clothing. Apply proprietary skin cleaner, then wash with copious soap and water. Apply skin cream.

[4] Fire-fighting Measures

Extinguishing Media	Dry powder, CO2, Earth, Sand, Foam. Do not use Water.
Special Fire Fighting procedures	Wear self contained breathing apparatus, Full protective clothing. Spray drums with Water to keep cool.
Unusual Fire & Explosion Hazards	Vapour is heavier than air. Combustion Produces toxic gases

[5] Accidental Release Measures / Spills and Leaks

Steps to be taken in case material is released or spilled	Absorb onto inert material, e.g. sand, earth. Put into suitable containers. Prevent from entering water courses
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[6] Handling & Storage

Precautions for safe handling	Keep in tightly closed container in cool dry area from all sources of ignition
Other precautions	Store away from oxidizing agents, peroxides, Food stuffs

[7] Exposure Controls / Personal Protection

Respiratory Protection (Type)	Self contained breathing apparatus if in enclosed spaces. Otherwise, not normally required.
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[8] Ventilation

Local Exhaust	Ensure adequate ventilation to comply with OEL.
Protective Gloves	Rubber, PVC
Eye Protection	Safety goggles Long sleeved overalls

[9] Physical & Chemical Properties

Appearance	Black solid
Odour	Asphalt odour
pH	N/A
Boiling Point/Boiling range °C	N/A
Specific Gravity	N/A
Vapour pressure(MM mercury	N/A
Melting Point /Freezing point	N/A
Water Solubility	Insoluble
Viscosity	N/A
Percentage Volatile by volume %	N/A
Evaporation Rate (Butyl Acetate=1)	N/A
Flash Point °C / Method used	N/A
Lower Explosive limits	NA
Upper Explosive limits	NA

[10] Stability & Reactivity

Stability	Stable under normal conditions
Conditions to avoid	High temperatures
Incompatibility/Materials to avoid	Oxidising agents, strong acids, alkalis, Halogens
Hazardous Decomposition Products	Combustion produces toxic gases
Hazardous Polymerisation	Will not occur

[11] Toxicological Information

No information available on this product

[12] Ecological Information

No data, This product is not biodegradable. No possible bioaccumulation and unlikely bioconcentration in the food chain.

[13] Disposal Consideration

This product is not hazardous waste. Consult local, provincial, territory or state authorities to know disposal methods

[14] Transport Information

Class	This product is not regulated by Department of Transportation
Packaging Group	N/A
Classification Code	N/A
Hazard Ident. Number	N/A
UN Number	N/A
RID-ADR	N/A
HI	N/A
Label	N/A
Technical Name	APP Modified bituminous waterproofing membrane

[15] Regulatory Information (Risk & Safety Phrases)

R10	N/A
R40/21	N/A
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic Environment
S24	N/A
S36/37/39	Wear suitable protective clothing, gloves and eye / face protection

[16] Other Health & Safety Information

Recommended uses and restrictions: See below
Source of key information used to compile SDS, CHIP regulations 1994. EH40
If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

Note

The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation (e.g. the Health and Safety at Work Act, 1974; the control of Substances Hazardous to Health Regulations, 1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

