

MATERIAL SAFETY DATA SHEET APP Modified Bitumen Membrane Pg.1/2

1 Substance I preparation and company identification

Product : APP Modified Bitumen, (Atactic Polypropylene) Modified Bituminous waterproofing membrane
Product Code : Various, depending on roll confection
Company : Sealex Industries
Telephone : 1300 555 955
Telefax : 1300 855 598
Information Dept. : 1300 555 955
Emergency Contact : 0437 015 309

2 Composition / Information on ingredients

Chemical nature : APP Modified Bitumen [substance] various
CAS-Reg No : Inapplicable
Chemical : Bitumen, Calcium Carbonate, Iso & Atactic Polypropylene, Polyester Polyethylene, Sand, Glassfiber, Plasticizer, Oil
Further Information -
Chemical Nature [preparation]-
Hazardous Ingredients : Bitumen, Hydrocarbon & their Derivatives
CAS-Reg No : Not available
Chemical Name :
Content : Lit/kg
Risk Phrases :

3 Possible Hazards

Inapplicable, there are no toxic chemicals

4 First-Aid Measures

General Advice :
Inhalation : Inhalation of high concentrations may lead to local irritation, headaches, nausea, impairment of reaction time & coordination, dizziness.
Skin : In case of skin burns by melted bitumen flush with cold water, then seek medical aid immediately.
Eye : Contact with eyes may result in Ingestion irritation, burning.
: Give a glass of water, then seek medical advise.
Information for : If any condition persists or occurs the Doctor later, consult a physician and show the MSDS of the product.

5 Fire Fighting Measures

Suitable Extinguishing
Media : Water dry Chemical or Co2 extinguisher or as for flammable liquid.
Unsuitable Extinguishing Media -
Exposure Hazards : Cleavage product may occur in case of thermal decomposition.
Protective Equipment for Fire Fighters -
Further Information : As applicable

6 Accidental Release Measures

Personal Precautions : Wear heat resistance gloves, safety goggles, safety shoes and remove the person to fresh air.
Environmental : Material to avoid strong
Precautions oxidizing agent.
Methods for cleaning up : If spillage clean with any petroleum solvent
Further information up : Hazardous effects are not to be expected under normal condition, Co & Co2 will be formed if product is ignited.

7 Handling and Storage

Handling : Use good housekeeping practices
Protection against : Not required fire and explosion
Storage : Store away from heat & flame in vertical position

8 Exposure Controls and Personal Protection

Protective Measure :
Exposure Control :
Limits
Personal Protective :
Measure
Respiratory Protection : Adequate ventillation is required
Hand Protection : Heavy duty industrial gloves
Eye Protection : Eye goggles
Skin Protection : Long sleeve shirts & trousers
General Safety & :
Hygiene Measures

9 Physical and Chemical Properties

Appearance : Membrane
Colour : Black
Odour : Characteristic odour
Change in Physical State -
Boiling Point / : Not applicable
Boiling Range (°C)
Melting Point (°C) : Approx 165
Freezing Temperature (°C) : Not applicable
Flash Point (°C) : Not applicable
Ignition Temperature (°C) : Approx 310
Autoignition :
Explosion Hazard : Product not explosive
Explosion Limits : [Vol. %]
Lower : Not applicable
Upper : Not applicable
Vapour pressure [mbar] : Not applicable
Density [g/cm3] : 1.15 - 1.20 (25°C)
Bulk Density [kg/m3] : Not applicable
Solubility in Water : Insoluble
Solubility in other solvents : Petroleum solvents
pH-Value : Not applicable
Viscosity : Not applicable
Additional Information :

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9 Physical and chemical properties (cont'd...)

pH-Value : Not applicable

Additional information :

10 Stability and Reactivity

Conditions to avoid : No hazardous reactions known

Substances to avoid : Hot asphalt will burn.

Avoid contact with skin when product is in molten state. Use only in well ventilated areas, or provide adequate air exchange if used in confined spaces.

Hazardous decomposition : In case of fire low molecular cleavage products Co, Co₂ and hydrocarbon gases are originated [appropriate to the fire conditions].

11 Toxicological Information

Acute Toxicity : None

Specific symptoms in : animal experiments

Irritation effects : None

Sensitization : None

Subacute to chronic toxicity : None

Carcinogenicity, mutagenicity: teratogenicity

Information from practical : experience

Additional Information : First aid-in case of skin burns by melted material, flush with cold water then seek medical aid.

12 Ecological Information

Information about : degradability

Environmental effects : Regarding the consistency of the product, no disperse distribution in the environment is possible.

Ecotoxicity :

13 Disposal Consideration

Product : Proof possibility of re-employment

Disposal Code No [KSA] : Treat as non hazardous waste, landfill or incinerate in accordance with local state and federal regulations.

Contaminated Packaging :

14 Transport Information

Land transport : ADR/RID

Class : Not classified

Subclass : Not classified

Warning sign :

Hazard :

UN-Nr :

Name of material : Polyflame, Glassflame Torchseal, Polyflex, Polyglass, Fiberlon, Roofseal

Remarks :

Inland ship transport : ADN/ADNR

Class : Not classified

Subclass :

Category :

Name of material : Polyflame, Glassflame Torchseal, Polyflex, Polyglas, Fiberlon, Roofseal

Remarks :

Sea transport : IMDG

Class : Not classified

UN-Nr : PG

EMS :

MFAG :

Marine pollutant :

Technical name of material:

Remarks :

Air Transport : ICAO/IATA-DGR

Class : Not classified

UN/ID-Nr : PG

Technical name of material :

Remarks

Additional information : Not dangerous goods according to transport regulations

15 Regulatory Information

Labelling according to : Not required

KSA directives

Symbol and indication of : Not required hazards

Contains : Not applicable

Risk phrases : Not applicable

Safety phrases : Not applicable

Special labelling : Not applicable

National regulation : KSA

Further information :

16 Other Information :

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. The safety data sheet only describes product in aspect to their safety requirements. Recipients of our product must take responsibility for observing existing laws.

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