



MATERIAL SAFETY DATASHEET

# **BITUMINOUS MEMBRANES**

**1. IDENTIFICATION:**

Area of Application : Construction Industry.  
Product use : Bituminous Membranes  
Supplier/Manufacturer : Lama for Waterproofing Inc.  
Tel: +1 (905) 519-2129  
[www.lamapwp.ca](http://www.lamapwp.ca)  
Issue Date : February, 2022

**2. COMPOSITION / INFORMATION ON INGREDIENTS:**

Composition	CAS Number	Content %
Petroleum asphalt	8052-42-4	<50
Limestone	1317-65-3	<40
Polypropylene	9003-07-0	<20
Styrene - Butadiene Block Co-Polymer	903-55-8	<15
HDPE Film	9002-88-4	<1
Release film	NA	<1
Mineral Granules	NA	<40
MAT Fiber Glass Polyester Fabric - PET (Polyethylene Terephthelate) Felt	65997-17-3 25038-59-9 NA	<8
BACKING Sand Talc	14808-60-7 4807-96-6	<10

### 3. HAZARDS IDENTIFICATION:

**Eye contact:** Precaution of tiny splashes is needed when membranes are heated to be applied.

**Skin contact:** No harm if cold, but severe burns might be caused if touched while torching during application.

**Inhalation:** No major hazards, but avoid fumes when heated.

**Swallowing:** Not poisonous, but must not be swallowed.

### 4. FIRST AID MEASURES:

**General:** When heated fumes and splashes can be expected, avoid both by wearing proper attire. In case of skin burn due to contact with molten material, do not try to remove asphalt but cool the contact area with lot of fresh water. The asphalt may be removed then by gentle rubbing with kerosene.

**Eye contact:** Irrigate with clean water and consult a physician.

**Skin contact:** Cool immediately with lot of clean water, and consult Medical help to cure the burn.

**Inhalation:** In the event of discomfort as a result of inhalation, move person to fresh air in a well-ventilated area.

**Swallowing:** If swallowed, no major harm is expected for small portions.

### 5. EXPOSURE CONTROL/ PERSONAL PROTECTION:

**Eye/Face Protection:** Safety glasses are recommended.

**Skin Protection:** Avoid prolonged skin contact. Wet the hands with cold water to facilitate working during shaping of sealant to avoid stickiness.

**Respiratory Protection:** Precaution is advised of increased odor when it is heated.

### 6. PHYSICAL AND CHEMICAL PROPERTIES:

**Appearance:** Solid.

**Odor:** Very minor when cold, increase when heated.

**Color:** Black.

**Flash point:** 225 °C.

### 7. STABILITY AND REACTIVITY:

Stable, does not have a specified shelf life. And does not react with salt, mild acids and alkalis.

### 8. TOXICOLOGICAL PROPERTIES:

Non Toxic.

### 9. ECOLOGICAL INFORMATION:

Non Toxic.

#### **10. FIRE FIGHTING MEASURES:**

**Flash point:** >150 °C (Closed Cup Method).

**Flammability:** Flammable but not combustible. Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.

**Extinguishing media:** Any kind of fire extinguishers.

**Recommendations:** No special recommendation.

#### **11. ACCIDENTAL RELEASE MEASURES:**

Contain and/or absorb spill with inert material (e.g. sand, soil). Collect and dispose in accordance with applicable regulations.

#### **12. HANDLING AND STORAGE:**

**Handling:** No special handling recommendation. However, proper safety procedures should be taken when lifting the heavy drums not to injure workers back and muscles.

**Storage:** Storing in a covered area and not under direct sun heat. Storage temperature is between 5 – 70 °C. Store in a neat arrangement, and not to block the way in case of store fire.

**Shelf life:** Best before 6 months if stored according to instructions.

#### **13. TRANSPORTATION INFORMATION:**

No special transportation precaution recommendation is applicable.

Not regulated for transport of dangerous goods

#### **14. REGULATORY INFORMATION:**

No regulatory precautions are applicable for this product.

#### **15. DISPOSAL CONSIDERATION:**

Dispose in accordance with applicable local government regulation. Unwanted materials can be dump-buried in landfill.

#### **16. DISCLAIMER:**

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