

## MATERIAL SAFETY DATA SHEET

### BOPP TAPE

Revision Date : 12 Nov 2019

Revision No. 1

Number of Pages : 3

#### 1. PRODUCT AND COMPANY IDENTIFICATION

##### Product Details

Product Name : BOPP Tape

##### Company Details

Company Name : Al Muqarram Insulation Materials Industry L.L.C.  
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#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Raw material name	
	BOPP film + acrylic emulsion glue

#### 3. PHYSICAL DATA

Corrosive Material : None  
Explosive Material : None  
Flammable Material : None  
Reactive Material : None  
Toxic Material : None

#### 4. FIRST-AID MEASURE

**Inhalation** : If exposed to the thermal decomposition gas, remove the person from exposure to fresh air environment. If difficulty in breathing occurs, seek medical attention immediately.

**Skin:** : Polypropylene is inert and harmless. If irritation develops, seek medical attention immediately. If in contact with hot molten polyethylene, do not peel off the hot polypropylene from skin, but flush with plenty of water to cool down the thermal burned skin quickly and then seek medical attention immediately.

**Eye** : If irritation develops, seek medical attention immediately

#### 5. ACCIDENTAL RELEASE MEASURES

**Steps to be taken** : In case of molten material, do not peel off the hot polypropylene from Skin, but flush with plenty of water to cool down the thermal burned skin quickly and then seek Medical attention immediately

**Personal protective gear** : When handling molten material use thermal resistant gloves.

#### 6. FIRE FIGHTING MEASURES

**Suitable firefighting agent** : Water spray, carbon dioxide, and dry chemical.

**Precaution to be observed** : Dense smoke and hazardous gases will be emitted when it is burned without sufficient oxygen. Material when melted will spread on the floor which will catch fire easily.

**Protective clothing** : Wear appropriate safety equipment during fire breathing apparatus.

## 7. HANDLING AND STORAGE

<b>Handling</b>	: No risk to the health of operators when handling at room temperature. During processing, do not inhale the fumes and vapors.
<b>Storage condition</b>	: Store away from heat or flames. Avoid contact with hot aromatic, chlorinated solvents and other hot strong oxidants.

## 8. PERSONAL PROTECTION EQUIPMENT

<b>Eye protection</b>	: None
<b>Skin protection</b>	: Normal clothing

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Odor	: Odorless
Color	: Clear/Per Request
Boiling points	: No known applicable information
Melting points/range	: 100°C-128°C
Vapor pressure	: No known applicable information
Specific gravity	: 0.91 - 0.93
Solubility in other liquid	: No known applicable information
Viscosity	: No known applicable information
pH	: No known applicable information
Flash point	: No known applicable information
Flammability temperature	: No known applicable information
Auto-ignition temperature	: No known applicable information

## 10. STABILITY AND REACTIVITY

Stability	: Stable
Thermal decomposition	: No known applicable information
Temperature	: No known applicable information
Incompatible materials	: No known applicable information
Conditions to avoid	: Keep away from fire
Keep away from fire	: Carbon monoxide and carbon dioxide may be generated

## 11. OVER EXPOSURE AND TOXICOLOGICAL INFORMATION

Route of entry and effect	: Inhalation vapors produced are unlikely at room temperature
Acute effects	: No known applicable information
Chronic effects	: No known applicable information
Permissible exposure level	: No known applicable information

## 12. ECOLOGICAL INFORMATION

Biodegradability	: No known applicable information
Aquatic toxicity	: No known applicable information
Mobility	: No known applicable information
Bio accumulative potential	: No known applicable information

## 13. DISPOSAL CONSIDERATION

<b>Disposal Method</b>	: Recover for reuse if possible. It may be buried on unauthorized landfill site or be incinerated; however, these disposal methods shall comply with the local authorities' laws.
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## 14. TRANSPORTATION INFORMATION

<b>Special Transport Requirement</b>	: No known applicable information
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## 15. OTHER INFORMATION

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