



**PE SURFACE PROTECTION TAPES**

**SECTION 1: PRODUCTION & COMPANY IDENTIFICATION**

- 1.1 Product name : **PE Protection tapes**
- 1.2 Manufacturer's name : **Al Muqarram Insulation Materials Industry L.L.C.**  
P.O. Box: 24756, Sharjah, U.A.E.  
Phone: + 971 6 5353796, Fax: + 971 6 5353964.  
Email: info@muqarram.com  
Website: www.muqarram.com

**SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS**

- 2.1 Raw material name : PE Film + acrylic emulsion glue

**SECTION 3: HAZARD IDENTIFICATION**

- 3.1 Corrosive Material : None
- 3.2 Explosive Material : None
- 3.3 Flammable Material : None
- 3.4 Reactive Material : None
- 3.5 Toxic Material : None

**SECTION 4: FIRST-AID MEASURES**

- 4.1 **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.
- 4.2 **Skin:** Polyethylene is inert and harmless. If irritation develops, seek medical attention immediately. If in contact with hot molten polyethylene, do not peel off the hot polyethylene from skin, but flush with plenty of water to cool down the thermal burned skin quickly and then seek medical attention immediately.
- 4.3 **Eye:** If irritation develops, seek medical attention immediately

**SECTION 5: ACCIDENTAL RELEASE MEASURES**

- 5.1 **Steps to be taken:** In case of molten material, do not peel off the hot polyethylene from Skin, but flush with plenty of water to cool down the thermal burned skin quickly and then seek Medical attention immediately
- 5.2 **Personal protective gear:** When handling molten material use thermal resistant gloves.



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**SECTION 6: FIRE FIGHTING MEASURES**

- 6.1 **Suitable firefighting agent** : Water spray, carbon dioxide, and dry chemical.
- 6.2 **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
- 6.3 **Protective clothing** : Wear appropriate safety equipment during fire breathing apparatus

**SECTION 7: HANDLING AND STORAGE**

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

**SECTION 8: PERSONNEL PROTECTION EQUIPMENT**

- 8.1 **Eye protection** : None
- 8.2 **Skin protection** : Normal clothing

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

- 9.1 **Odor** : Odorless
- 9.2 **Color** : Clear/Per Request
- 9.3 **Boiling points** : No known applicable information
- 9.4 **Melting points/range** : 100°C-128°C
- 9.5 **Vapor pressure** : No known applicable information
- 9.6 **Specific gravity** : 0.92 - 0.94
- 9.7 **Solubility in other liquid** : No known applicable information
- 9.8 **Viscosity** : No known applicable information
- 9.9 **PH** : No known applicable information
- 9.10 **Flash point** : No known applicable information
- 9.11 **Flammability temperature** : No known applicable information
- 9.12 **Auto-ignition temperature** : No known applicable information



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**SECTION 10: STABILITY AND REACTIVITY**

- 10.1 Stability : Stable
- 10.2 Thermal decomposition : No known applicable information
- 10.3 Temperature : No known applicable information
- 10.4 Incompatible materials : No known applicable information
- 10.5 Conditions to avoid : Keep away from fire
- 10.6 Hazardous decomposition : Carbon monoxide and carbon dioxide may be generated

**SECTION 11: OVER EXPOSURE AND TOXICOLOGICAL INFORMATION**

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

**SECTION 12: ECOLOGICAL INFORMATION**

- 12.1 Biodegradability : No known applicable information
- 12.2 Aquatic toxicity : No known applicable information
- 12.3 Mobility : No known applicable information
- 12.4 Bio accumulative potential : No known applicable information

**SECTION 13: DISPOSAL CONSIDERATION**

- 13.1 **Disposal Method:** 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

**SECTION 14: TRANSPORTATION INFORMATION**

- 14.1 **Special Transport Requirement** : No known applicable information



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**SECTION 15: OTHER INFORMATION**

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