



**MATERIAL SAFETY DATA SHEET**

Page: 1/3

**1. Chemical Product And Company Identification**

Product Name: Ethylene Vinyl Acetate Copolymer (EVA)
Product Number:---
Identification On Product / Supplier Name: <b>ASIA POLYMER CORPORATION (APC)</b>
· Address: No. 3 , Industrial 1st. Rd Lin Yuan Kaohsiung (832)
· Emergency Phone/Fax: (07)641-2601~8/(07)641-0641

**2. Composition/Information On Ingredients**

English Name: Ethylene Vinyl Acetate Copolymer-E
Synonyms: EVA
Chemical Abstracts Number(CAS No.): 24937-78-8
Hazardous Components(Percentage For Chemical Ingredient): Nil.

**3. Hazards Identification**

Major Hazard Effect: · Inhalation: Single exposure to dust is not likely to be hazardous. Vapor and/or aerosols which may be formed at elevated temperatures may be irritating to eyes · Eye Contact: Solid or dust may cause irritation or corneal injury due to mechanical action.
Major State: irritation
Hazard category: None

**4. First Aid Measures:**

Emergency And First Aid Procedures: · Inhalation: In case of adverse exposure to vapours and/or aerosols formed at decomposed temperature, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention. · Skin Contact: Wash off in flowing water or shower. If irritation persist, get prompt medical attention. · Eye Contact: Irrigate eyes with water for at least 15 minutes. If irritation persist, get prompt medical attention. · Ingestion: No adverse effects anticipated by this route of exposure. If irritation persist, get prompt medical attention.
Major Disease and Harm Effect: irritation
First-Aid Personal Protection: Wear positive pressure, self-contained breathing apparatus in any closed space.
Prompt to Doctor: ---

**5. Fire Fighting Measures**

Suitable Extinguishing Media: Water fog, foam, alcohol resistant foam, CO <sub>2</sub> , dry chemical.
Special Exposure Hazards: Dense smoke emitted when burned without sufficient oxygen. Accumulation of fine dust particles could pose a dust explosion hazard.
Special Extinguish Procedure: Use water spray to cool fire exposed surface and to protect personal. Shut off "fuel" to fire.
Special Protection Equipment: Wear positive pressure, self-contained breathing apparatus in any closed space.



**MATERIAL SAFETY DATA SHEET**

Page: 2/3

**6. Accidental Release Measures**

Personal Protection: ---
Environmental Protection: shut off "fuel" to fire.
Methods For Cleaning Up: Clean up with a shovel and/or vacuum cleaner.

**7. Handling And Storage:**

Handling: Practice reasonable care and caution in handling.
Storage: Store in a cool, dry place with good ventilation. Away from source of heat and direct sunlight. Storage silo must be grounded to prevent static charge.

**8. Exposure Control / Personal Protection**

Engineering Control:---
Control Factor:---
Personal Protection Equipment: <ul style="list-style-type: none"> <li>· Respiratory Protection: For most conditions, no respiratory protection should be needed, however, if handling at elevated temperatures without sufficient ventilation, use an approved air-purifying respirator.</li> <li>· Hand Protection: ---</li> <li>· Eye Protection: Use safety glasses. If there is a potential for exposure to particles which could cause mechanical injury to the eye, wear chemical goggles.</li> <li>· Skin &amp; Body Protection: No precautions other than clean body-covering clothing should be needed.</li> </ul>
Hygiene Procedures: ---

**9. Physical And Chemical Properties**

Appearance: solid	Form: solid pellets
Colour: Translucent white	Odour: small acidity
pH Value: Not applicable	Melting Point: 78~96
Decomposition Temperature: Not applicable	Flash Point: ca.350 (Test Method: Close Cup)
Ignition Temperature: ---	Exposure Limit: dust 20g/m <sup>3</sup>
Vapor Pressure: Not applicable	Vapor Density: Not applicable
Specific Gravity: 0.935~0.945	Solubility In Water: Nil.

**10. Stability And Reactivity**

Stability: Stable
Special Condition Of Hazardous Reaction: Will not occur.
Conditions To Avoid: Temperatures over 500 (260 ), will release acetic acid and carbon monoxide gases.
Incompatibility: Strong oxidizing agents(as: fluorine)
Hazardous Decomposition Procedure: Acetic acid and carbon monoxide gases will be formed when exposed to temperature over 520 (271 ).



**MATERIAL SAFETY DATA SHEET**

Page: 3/3

**11.Toxicological Information**

Acute Toxicity: ---
Local Effects: ---
Sensitive: ---
Chronic: ---
Exceptional Effect: ---

**12.Ecological Information**

Possibility of Environmental Impact/Move: ---
-----------------------------------------------

**13.Disposal Inormation**

Disposal Information: Bury in landfill or burn in an approved incinerator in accordance with applicable regulations.
----------------------------------------------------------------------------------------------------------------------

**14.Transport Information**

Internation Transport Regulation: ---
The United Nations Number(Un-No): ---
Internal Transport Regulation: ---
Special Transport Way And Note: ---

**15.Regulatory Information:**

Apply Regulation: ---
-----------------------

**16.Other Information:**

Reference: ---
Maker: <ul style="list-style-type: none"><li>· Name: Asia Polymer Corporation Lin Yuan Plant</li><li>· Adress: No. 3 , Industrial 1st. Rd Lin Yuan Kaohsiung (832)</li><li>· Phone: (07)641-2601~8</li></ul>
Date: 24 April 2006