

1. Chemical Product And Company Identification

Product Name: Ethylene Vinyl Acetate (EVA)
Other Name: Ethylene Vinyl Acetate Copolymer
Product NO.: EV101、EV102、EV103、EV302、EV303、V18161、V18251、V26031、V26061、V28280、V2800、V28101、WS34、V33121、V33301、V1800
Recom. use: sole foaming, Sports equipments and Hot Melt, Solar film, Laminating film.
Names, addresses, and phone numbers of the manufacturer or supplier: ASIA POLYMER CORPORATION (APC) : No.3 , Industrial 1st Rd. Lin-Yuan Kaohsiung (832), Taiwan,R.O.C. ; +886-7-704-0988
Emergency contact phone numbers/fax numbers:+886-7-704-0988/+886-7-641-2609

2. Hazards Identification

<p>Classification of the substance or mixture</p> <ul style="list-style-type: none"> ● Classification according to Regulation GHS : Not a hazardous substance or mixture. ● Classification according to Regulation (EC)No.1272/2008[CLP] : Not a hazardous substance or Mixture.
<p>Label content:</p> <ul style="list-style-type: none"> ● Classification according to Regulation GHS : Not a hazardous substance or mixture. ● Classification according to Regulation (EC)No.1272/2008[CLP] : Not a hazardous substance or Mixture.
<p>Other hazards:</p> <ul style="list-style-type: none"> ● PBT and vPvB information This substance/mixtures does not meet criteria for classification as persistent, bio-accumulative and toxic or very persistent and very bio-accumulative in accordance with Annex XIII of Regulation(EC)No.1907/2006. ● Ecological information This substance/mixtures is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation(EU) 2017/2100 or Commission Regulation(EU)2018/605.

3. Composition/Information on Ingredients

Mixtures:

Chinese and English chemical name	乙烯醋酸乙烯酯共聚物 Ethylene Vinyl Acetate Copolymer	醋酸乙烯酯 Vinyl Acetate
Synonyms	Ethylene Vinyl Acetate Copolymer Resins ; EVA	Vinyl Acetate Monomer ; VAM
Chemical Abstracts Service No. (CAS No.)	24937-78-8	108-05-4
REACH registration number	01-2119471301-50-xxxx 01-2119462827-27-xxxx	01-2119471301-50-xxxx
% of the content	>99	<0.5
Classification	Not Classified	Flam Liq. 2 Acute Tox. 4 STOT SE 3 Care.2
Note:		Residual only

4. First-aid measures:

The first aid measures for different exposure routes: <ul style="list-style-type: none">● Inhalation: Supply fresh air, and Get medical attention.● Skin contact: If contact with molten material, immediately immerse contacted area with cooling water. Don't attempt to peel off the molten material from skin, and get medical attention.● Eye contact: Flush eyes with plenty of water, Seek medical advice if pain persists.● Ingestion : Get medical attention.
Most important symptoms and effects, both acute and delayed: N/A
Indication of any immediate medical attention and special treatment needed
Treat symptomatically

5. Firefighting measures

Extinguishing media: water, water fog, foam, carbon dioxide, dry chemical .
Specific hazards arising from the substance or mixture Carbon Monoxide (CO) and Carbon dioxide (CO ₂) may be produced when the products is burned.
Advice for firefighters: Specific fire-fighting methods: Use water spray to cool fire exposed surface and to protect personal. Shut off "fuel" to fire.
Special equipment for the protection of fire-fighters: Wear positive pressure, self-contained breathing apparatus in any closed space.

6. Accidental Release Measure

Personal precaution: Spilled material may cause a slipping hazard
Environmental precaution: Do not flush into surface water or sanitary sewer system.
Method for cleaning up: Clean up with a shovel and/or vacuum cleaner.

7. Handling and Storage:

Handling: 1. Good general ventilation should be sufficient for most conditions. 2. During the processing of the material, avoid inhalation of fumes and scald of molten materials .
Storage: 1. Store in a cool, dry place with good ventilation. 2. Away from source of heat and direct sunlight. 3. Storage silo must be grounded to prevent static charge. 4. Proper ventilation is recommended to control dust formation.

8. Exposure Control / Personal Protection

Engineering Control: N/A		
Control parameters: 8 hours time average exposure limits/Short-term exposure limits/maximum exposure limits:--- biological standard: N/A		
• Chemical Name : Vinyl Acetate		
PEL- Permissible exposure limit		Regulation
TLV-TWA	10 ppm (8hr)	(Cal/OSHA)
TLV-STEL	15 ppm (15 min)	(Cal/OSHA)
TLV-C	No applicable data	(Cal/OSHA)
• Chemical Name : Ethylene-Vinyl Acetate Copolymer		
PEL- Permissible exposure limit		Regulation
TLV-TWA	No applicable data (8hr)	USA-OSHA
TLV-STEL	No applicable data (15 min)	USA-OSHA
TLV-C	No applicable data	USA-OSHA
Personal protective equipment: Respiratory protection: Use dust-proof mask. Hand protection: Use rubber gloves. Use thermal resistant gloves, when needed. Eye Protection: Use safety goggles, when dust is present. Skin & body protection: No precautions other than clean body-covering clothing should be needed.		
Hygiene Procedures: N/A		

9. Physical and Chemical Properties / Characteristics

Appearance (physical static, color, etc): Translucent white solid pellets	Odor: small acidity
Odor threshold: N/A	Melting Point / Melting Range: 78~96°C
pH Value: N/A	Boiling point/boiling point range: Not applicable
Flammability (solid, gas): N/A	Flash Point: ca.350°C
Decomposition Temperature: N/A	Test Method: Close Cup

Auto-ignition Temperature: 349°C	Exposure limit: N/A
Vapor Pressure: Not applicable	Vapor Density: N/A
Density: 0.931~0.945 g/cm ³	Solubility In Water: Insoluble in water
Portion coefficient(n-octanol/water, log K _{ow}): N/A	Evaporation rate: N/A

10. Stability and Reactivity

Stability: Stable at room temperature.
Possible hazardous reactions under specific conditions: N/A
Conditions To Avoid: Avoid heating above the recommended processing temperature.
Materials to avoid: Strong oxidizing agents
Hazardous decomposition procedure: Fumes from decomposition of this material may include carbon dioxide, carbon monoxide, Hydrocarbon, acetic acid.



亞洲聚合股份有限公司
ASIA POLYMER CORPORATION
SAFETY DATA SHEET

11. Toxicological information

Routes of exposure: Inhalation, ingestion, eyes, skin contact.
Symptoms: Chemical Name : Vinyl acetate ●Eye : Slight irritation, rabbit ●Inhalation : Slight irritation. ●Skin contact : Slight irritation, rabbit ●Ingestion: None
Chemical Name : Ethylene-vinyl acetate copolymer ●Eye : No eye irritation ●Inhalation : No data available. ●Skin contact : No skin irritation ●Skin contact : No skin irritation ●Ingestion: None
Acute toxicity: N/A
Chronic toxicity or long term toxicity: N/A

12. Ecological information

Ecotoxicity: Difficult to biodegradable. It can be recycled using suitable technologies.
Persistence and degradability: Difficult to nature degrade.
Bioaccumulative potential: N/A
Results of PBT and vPvB assessment: This information is not required.
Mobility in soil: N/A
Other adverse effects: To burn arbitrarily of this material may emit hazardous gas.

13. Disposal information

Disposal Information: 1. Disposal must be done in accordance with existing regulations. 2. Bury in landfill or burn in an approved incinerator in accordance with applicable regulations.
--

14. Transport Information

International Regulatory For Transport : This material is not considered hazardous according to The General Rule for Classification and Hazard Communication of Chemicals (RIR-ADR 、IMO 、IATA 、IMDG 、FS A11).
United Nations Number(Un-No): N/A
UN proper shipping name: N/A
Transport hazard class(es): None
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code : Not applicable.
Packing group: 25 Kg bag, Jumbo bag.
Marine pollutant(YES/NO): NO
Special transport measures and precautionary condition: N/A

15. Regulatory Information:

Applicable regulation: 1. Regulation of Safety and Health Council of Taiwan's Labor.

- 2.The Method of Clean 、Storage and Facility standard for Industrial Waste In Taiwan.
- 3.Regulation of Labelling and Hazard Communication of Dangerous and Harmful Materials.
- 4.Taiwan's Traffic Eegulation
- 5.Public Hazardous Materials Establishment Standards and Safety Control Regulations.
6. Australian - AICS
7. Canada-DSL
8. Chinese - Chinese Inventory of Existing Chemical Substances
9. European EINECS are exempt from the listings,all monomers are listed.
10. Japan-ENCS
11. New Zealand-NZIoC
12. Philippines - PICCS
13. USA-TSCA
14. Taiwan - Taiwan's chemical substance inventory (TCSI)

16. Other Information:

Literature reference	None	
Organization that prepared the SDS	Name: Asia Polymer Corporation Lin Yuan Plant	
	Address/telephone number: No. 3 , Industrial 1st. Rd Lin-Yuan Kaohsiung (832)/+886-(07)641-2601#1224	
Person who prepared the SDS	Title: Associate Engineer	Name: Po-Hao Huang
Date that the SDS was prepared	03 May. 2024	

Note : The information provided herein is believed to be accurate at issue date. It is not



亞洲聚合股份有限公司 ASIA POLYMER CORPORATION

SAFETY DATA SHEET

intended for any warranty purposes. Regulatory requirements may be different for different geographical regions and are subject to change. It is the user's responsibility to ensure the compliance with local regulations and laws. APC urges our customers or users of our products to study and understand the content and data provided in this SDS.