



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

### 1. Chemical Product And Company Identification

Product Name: Low Density Polyethylene Resins ( LDPE )
Other Name: Polymer-E
Product NO.: C4100、C7100、C1400、F1100、F2200、F2201、F8201、H0100、H0105、M2100、M5100
Recommended use: the thin film, injection and extrusion.
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. ; (07)704-0988
Emergency contact phone numbers/fax numbers:(07)704-0988/(07)641-2609

### 2. Hazards Identification

Product hazard class: N/A
Label content: N/A
Other hazards: N/A

### 3. Composition/Information on Ingredients

#### Pure material:

Chinese and English name: 低密度聚乙烯樹脂 ( Low Density Polyethylene Resins )
Synonyms: LDPE
Chemical Abstracts Service No.(CAS No.): 009002-88-4, Content(%):>99.7%
Additive: ---
The hazardous ingredients(% of the content): None

#### Mixtures:

Chemical properties: None	
Chinese and English names of the hazardous ingredients	Concentration or concentration ranges (ingredient percentage)
None	N/A

### 4. First-aid measures:

The first aid measures for different exposure routes: Inhalation: Dust may cause slight irritation, no significant health effects. Skin contact: Rapidly wash off with cool water or shower, if molten material comes in contact with the skin. Do not attempt to remove the material from skin. Call the physician. Eye contact: Dust may cause slight irritation. Fume may cause eye irritation as mid discomfort. Ingestion: None
The most important symptoms and hazardous effects: N/A
The protection of first-aiders: No need
Notes to physicians: Let physicians know the symptom of patient.

### 5. Fire Fighting Measures

Suitable fire extinguishing media: water, water fog, foam, CO <sub>2</sub> , dry chemical extinguishers.
Specific hazards may be encountered during fire-fighting: Carbon Monoxide (CO) and irritating smoke may emitted when burned without sufficient oxygen.
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.



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**6. Accidental Release Measure**

Personal precaution: N/A
Environmental precaution: N/A
Method for cleaning up: Clean up with a shovel and/or vacuum cleaner.

**7. Handling and Storage:**

Handling: Good general ventilation should be sufficient for most conditions. During the processing of the material, avoid inhalation of fumes and scald of molten material.
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. 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
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: negligible
Odor threshold: N/A	Melting Point / Melting Range: 100~111°C
pH Value: Not applicable	Boiling point/boiling point range: Not applicable
Flammability (solid, gas): Not applicable	Flash Point: ca.340°C
Decomposition Temperature: Not applicable	Test Method: Close Cup
Auto-ignition Temperature: 349°C	Exposure limit: Not applicable
Vapor Pressure: Not applicable	Vapor Density: Not applicable
Density: 0.915~0.926 g/cm <sup>3</sup>	Solubility In Water: Nil.
Portion coefficient(n-octanol/water, log Kow): N/A	Evaporation rate: Not applicable

**10. Stability and Reactivity**

Stability: Stable at room temperature.
Possible hazardous reactions under specific conditions: N/A
Conditions To Avoid: Temperature over 250°C
Materials to avoid: Strong oxidizing agents
Hazardous decomposition procedure: Fumes from decomposition of this material may include carbon dioxide, carbon monoxide.



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**11. Toxicological information**

Routes of exposure: Dust or fume may cause slight irritation.
Symptoms: N/A
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
Mobility in soil: N/A
Other adverse effects: To burn arbitrarily of this material may emit hazardous gas.

**13. Disposal information**

Disposal Information: Disposal must be done in accordance with existing regulations. Bury in landfill or burn in an approved incinerator in accordance with applicable regulations.
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**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): N/A
Packing group: seabulk, 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.

**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)704-0988#1244	
Person who prepared the SDS	Title: Senior Engineer	Name: Chun-Li Wang
Date that the SDS was prepared	14 Feb. 2020	

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