



## Safety Data Sheet

### 1. Product and Company Identification

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| Product name: Precipitated Calcium Carbonate(uncoated)   |
| Other names: Carbonic acid calcium salt, calcite, aragonite  |
| Grades: FP-100A, FP-100S, FP-101, FP-102, NL-103   |
| Manufacture, importer or supplier:<br>Name: Formosa Plastics Corporation, Carbide Division, Dongshan Plant<br>No. 201, Dongfu Rd., Dongshan Township, I-lan County, Taiwan (R.O.C)<br>Phone: 886-3-9591134 |
| Emergency contact phone / Fax : 886-3-9591134/ 886-3-9593066   |

### 2. Hazards Identification

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| Product hazard classification: Not classified as hazardous under GHS.           |
| Labeling: Not applicable.   |
| Other hazards: This product is irritating to eyes, respiratory system and skin. |

### 3. Composition /Information on Ingredients

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| Individual components: Calcium carbonate |
| % by wt.: >98.0                          |
| CAS No.: 471-34-1                        |

### 4. First Aid Measures

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| First aid of different exposure routes:<br>Inhalation: Remove the contamination source or move the patient to fresh air. Get medical attention for any breathing difficulty.<br>Skin contact: Wash exposed area with soap and water. Get medical advice if irritation develops.<br>Eye contact: Wash thoroughly with running water. Get medical advice if irritation develops.<br>Ingestion: If large amounts are swallowed, gargle thoroughly and get medical advice. |
| Major symptoms and harm effects: Coughing, irritation of eyes  |
| Protection for the first aiders: None  |
| Notice to physician: Symptomatic treatment   |

### 5. Fire-fighting Measures

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| Suitable fire extinguishing media: Use any means suitable for extinguishing surrounding fire.                                      |
| Possible harm during fire-fighting: Not combustible, transform to calcium oxide and release CO <sub>2</sub> under high temperature |
| Special fire-fighting procedures: None   |
| Special equipment for the protection of firefighters: None   |

### 6. Accidental Release Measures

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| Personal precautions: Wear appropriate personal protective equipment for clean up. |
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| Environmental precautions: Ventilate the area of leak or spill. Remove any substance that would react with the spills.                      |
| Cleanup method: Block the leak. Pick up the spilled substance and retain for recycle or disposal. Vacuum cleaning equipment is recommended. |

## 7. Handling and Storage

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| Handling: Keep in a tightly closed container.   |
| Storage: Store in a cool, dry, ventilated area. |

## 8. Exposure Control

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| Engineering control: 1.Ventilation system    2.Outdoor exhaust port    3.Fresh air   |
| Parameter control:<br><div style="margin-left: 40px;"> OSHA PEL    10mg/m<sup>3</sup>(total dust)<br/> 5mg/m<sup>3</sup>(respirable fraction) </div>   |
| Personal protection:<br><div style="margin-left: 40px;"> Breath: mask                      Eyes: goggles<br/> Hands: gloves                      Skin/body: working suit and overshoes </div>  |
| Hygiene measures:<br><div style="margin-left: 40px;"> 1. Dusted clothing and shoes should be thoroughly cleaned before reuse.<br/> 2. No smoking or eating at working area.<br/> 3. Wash hands after handling this product.<br/> 4. Maintain the cleanness of working area. </div> |

## 9. Physical and Chemical Properties

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| Appearance: White powder   | Odor: None                                 |
| Odor threshold: None   | Melting point: No information available    |
| pH value: 9.5~10.5   | Boiling Point: No information available    |
| Flammability(Solid, gas): Not applicable                                 | Flash point: No information available      |
| Decomposition temperature: 825°C   | Test method: No information available      |
| Auto ignition temperature: Not applicable                                | Explosion limit: No information available  |
| Vapor pressure: No information available                                 | Vapor density: No information available    |
| Specific gravity: 2.7~2.9  | Solubility in water: 1~2mg/100ml           |
| Partition coefficient (n-octanol/water,log Kow: No information available | Evaporation rate: No information available |

## 10. Stability and Reactivity

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| Stability: Stable and chemically inert at room temperature.                          |
| Possible hazardous reactions under specific conditions: None                         |
| Conditions to avoid: Avoid contact with acid and high temperature(decompose >825°C). |
| Materials to avoid: Acid   |
| Hazardous decomposition product: Release CO <sub>2</sub> by reacting with acid.      |

## 11. Toxicological Information

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| Routes of exposure: Skin contact, inhalation, ingestion, eye contact. |
| Acute toxicity:   |

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| Skin contact: None   |
| Inhalation: Might irritate the respiratory tract and cause sneezing and slightly itching nose. |
| Ingestion: Large amounts would cause gastrointestinal distress.                                |
| Eye contact: Slightly irritating.  |
| Oral LD <sub>50</sub> (rat): 6450mg/kg.  |
| LC <sub>50</sub> (test animals, absorb way): No information available.                         |
| Slow toxicity or long-term toxicity: No information available.                                 |

## 12. Ecological Information

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| Ecotoxicity: No information available.  |
| Persistence and degradability: No information available.                                |
| Bio-accumulative potential: Not accumulate in vivo but excrete through feces and urine. |
| Mobility in soil: No information available.   |
| Others adverse effects: No information available.                                       |

## 13. Disposal Considerations

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| Disposal must be done in accordance with existing regulations and could be handled as none-toxics through landfill. |
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## 14. Transport Information

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| United Nations number: No information available.                                    |
| United Nations proper shipping name: No information available.                      |
| Transport hazard class: No information available.                                   |
| Packing group: No information available.  |
| Sea pollutants(Yes/No): No.   |
| Specific transport measures and precautionary conditions: No information available. |

## 15. Regulatory Information

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| Follow The Laws and Regulations in Taiwan:  |
| Occupational Safety and Health Act  |
| Road Traffic Safety Regulations   |
| Methods and Facilities Standards for the Storage,Clearance and Disposal of Industrial Waste |

## 16. Other Information

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|------------------|---|-------------------|
| Reference        | No information available  |                   |
| Provided by      | Name: Formosa Plastics Corporation, Carbide Division, Dongshan Plant          |                   |
|                  | Address: No. 201, Dongfu Rd., Dongshan Township, I-lan County, Taiwan (R.O.C) |                   |
|                  | Phone: 886-3-9591134  |                   |
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| Date of revision | 2024.5.27   |                   |