



Safety Data Sheet

1. Product and Company Identification

Product name: Ground Calcium Carbonate(uncoated)
Other names: Limestone, carbonic acid calcium salt, calcite, chalk
Grades: KS-50, KS-50A, KS-90B, SS-30, SS-80, NS-100, NS-400, NS-600, NS-1000, NS-2300, NS-2500, TS-100
Manufacture, importer or supplier: Name: Formosa Plastics Corporation, Carbide Division, Dongshan Plant No. 201, Dongfu Rd., Dongshan Township, I-lan County, Taiwan (R.O.C) Phone: 886-3-9591134
Emergency contact phone / Fax : 886-3-9591134/ 886-3-9593066

2. Hazards Identification

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

Individual components	% by wt.	CAS No.
Calcium carbonate	>98.0	471-34-1
Magnesium carbonate	0~1.0	13717-00-5
Silicon dioxide	0~1.0	14808-60-7

4. First Aid Measures

First aid of different exposure routes: Inhalation: Remove the contamination source or move the patient to fresh air. Get medical attention for any breathing difficulty. Skin contact: Wash exposed area with soap and water. Get medical advice if irritation develops. Eye contact: Wash thoroughly with running water. Get medical advice if irritation develops. 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

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 ₂ under high temperature.
Special fire-fighting procedures: None
Special equipment for the protection of firefighters: None

6. Accidental Release Measures

Personal precautions: Wear appropriate personal protective equipment for clean up.
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 discard. Vacuum cleaning equipment is recommended.

7. Handling and Storage

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

8. Exposure Control

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

9. Physical and Chemical Properties

Appearance: White powder	Odor: None
Odor threshold: None	Melting point: No information available
pH value: 8.0~9.0	Boiling Point: No information available
Flammability(Solid, gas): Not applicable	Flash point: Not applicable
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: 2.71	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

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 ₂ by reacting with acid.

11. Toxicological Information

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

12. Ecological Information

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

Disposal must be done in accordance with existing regulations and could be handled as nonetoxics through landfill.
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14. Transport Information

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

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

Reference	No information available	
Provided by	Name: Formosa Plastics Corporation, Carbide Division, Dongshan Plant	
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