



台灣塑膠工業股份有限公司
FORMOSA PLASTICS CORPORATION

Safety Data Sheet

1. Product and Company Identification

Product name: U-CAL
Other names: Calcium Carbonate Masterbatch
Grades: UC-MH2, UC-ML3, UC-ML6, UC-ML7, UCC-MH7, UCC-MH8, UC-MP1, UC-MP2, UC-MP3, UC-MP4, UC-MP5, UC-MP6, UCC-MP8, UC-MPA060, UC-MPA050, UCC-MP7, UCC-H8401, UCC-P3409
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: No information available.
Other hazards: No information available.

3. Composition /Information on Ingredients

Individual components	% by wt.	CAS No.
Calcium carbonate	50.0~85.0	471-34-1
Polypropylene/ Polyethylene	15.0~50.0	9003-07-0/ 9002-88-4

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 exposed area with running water for at least 10 mins. Ingestion: If large amounts are swallowed, gargle thoroughly and get medical advice.
Major symptoms and harm effects: No information available.
Protection for the first aiders: No information available.
Notice to physician: No information available.

5. Fire-fighting Measures

Suitable fire extinguishing media: Use any means suitable for extinguishing surrounding fire.
Possible harm during fire-fighting: No information available
Special fire-fighting procedures: No information available
Special equipment for the protection of firefighters: No information available

6. Accidental Release Measures

Personal precautions: No information available
Environmental precautions: Pay attention to the packaging to be stable and not to flow into rain drains and cause environmental pollution.
Cleanup method: Use ordinary cleanup tools.

7. Handling and Storage

Handling: 1. During processing, indoor air circulation should be maintained. 2. Prevent the accumulation of static electricity. 3. Can be recycled and reused.
Storage: 1. Store in a well-ventilated place. 2. Keep away from heat sources, ignition sources, flammable materials and incompatible materials. 3. The storage area must be cleaned frequently and properly structured to avoid dust accumulation.

8. Exposure Control

Engineering control: 1.Ventilation system 2.Outdoor exhaust port 3.Fresh air
Parameter control: No information available
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: Grayish white granule	Odor: None
Odor threshold: None	Melting point: No information available
pH value: No information available	Boiling Point: No information available
Flammability(Solid, gas): Not applicable	Flash point: No information available
Decomposition temperature: 400°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: 1.50~1.95	Solubility in water: Insoluble
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: No information available.
Conditions to avoid: No information available.
Materials to avoid: No information available.
Hazardous decomposition product: No information available.

11. Toxicological Information

Routes of exposure: Skin contact, inhalation, ingestion, eye contact.
Acute toxicity: Skin contact: None. Inhalation: None. Ingestion: Large amounts would cause gastrointestinal distress and constipation. Eye contact: None. Oral LD ₅₀ (rat): No information available. 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 information available.
Specific transport measures and precautionary conditions: No information available.

15. Regulatory Information

Follow The Laws and Regulations in Taiwan: Occupational Safety and Health Act. Regulation of Labelling and Hazard Communication of Hazardous Chemicals. Road Traffic Safety Regulations. Methods and Facilities Standards for the Storage, Clearance and Disposal of Industrial Waste.
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16. Other Information

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