

Material Safety Data Sheet

CALCIUM CARBONATE FILLER MASTERBATCH

Section 1 - Product Identification

Synonyms : Filler
Chemical Formula : CaCO_3
Company Identification : Tradeasia International Pte. Limited
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Recommended
use of the chemical and
restrictions on use : Filler masterbatch for PE / PP / HIPS etc

Section 2 – Composition/Information on Ingredients

Chemical Name	EC No/CAS No	Purity, %
Calcium carbonate filler	1317-65-3	69.5~85.0
Polypropylene/Polyethylene	9003-7-4/9002-88-4	15.0~30.5

Section 3 – Hazards Identification

3.1. Potential Acute Health Effects: Hazardous when in contact with eyes. Slightly hazardous when in contact with skin.

3.2. Potential Chronic Health Effects: The substance may be toxic to kidneys. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4 – First-Aid Measures

4.1. Description of first aid measures

Skin contact

After contact with skin, wash immediately with plenty of water.

Eye contact

Flush eyes with running water thoroughly. Seek medical attention if irritation develops.

Inhalation

Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Ingestion

Seek immediate medical attention.

4.2. Most important symptoms and effects, both acute and delayed

N.A.

4.3. Indication of any immediate medical attention and special treatment needed

N.A.

Section 5 – Fire Fighting Measures

5.1. Flammability of the Product: Non flammable.

5.2. Auto-Ignition Temperature: Not available.

5.3. Flash Points: Not available.

5.4. Flammable Limits: Not available.

5.5. Products of Combustion: Not available.

5.6. Fire Hazards in Presence of Various Substances: Will ignite and burn fiercely in contact with fluorine.

5.7. Explosion Hazards in Presence of Various Substances: Not available.

5.8. Fire Fighting Media and Instructions: Use any means suitable for extinguishing fire.

Section 6 – Accidental Release Measures

6.1. Small Spill: Use appropriate tools to place the spilled solid in disposable container for disposal or reuse.

6.2. Large Spill: Use appropriate tools to place the spilled solid in disposable container for disposal or reuse.

Section 7 – Handling and Storage

7.1. Precautions for safe Handling

Avoid inhalation of fumes/vapors during processing. Avoid repeated or prolonged contact with skin. Wear gloves and wash hands after handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, ventilated area.

Section 8 – Exposure Controls/Personal Protection

8.1. Appropriate engineering controls

Nil

8.2. Individual protection measures, such as personal protective equipment (PPE)

Personal Protection: Gloves, goggles, masks and normal working equipment

Personal Protection in Case of a Large Spill: Nil

8.3. Exposure Limits: Nil

Section 9 – Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance : White granule

Odour : N.A.

Odour threshold : N.A.

pH @ 20°C : N.A.

Melting point : 400°C

Boiling point : N.A.

Flash point : N.A.

Evaporation rate : N.A.

Flammability : N.A.

Upper/lower flammability or explosive limits : N.A.

Vapour pressure : N.A.

Vapour density : N.A.

Relative density : N.A.

Solubility in water : Insoluble

Partition coefficient: n-octanol/water : N.A

Auto-ignition temperature : N.A.

Viscosity : N.A.

9.2. Other information

Specific gravity : 1.65~1.95

Section 10 – Stability and Reactivity

10.1. Stability: The product is stable.

10.2. Instability Temperature: N.A.

10.3. Conditions of Instability: N.A.

10.4. Incompatibility with various substances: Strong oxidisers

10.5. Corrosivity: N.A.

10.6. Special Remarks on Reactivity: N.A.

10.7. Polymerization: N.A.

Section 11 – Toxicological Information

11.1. Routes of Entry: Inhalation and ingestion

11.2. Toxicity to Animals: N.A.

11.3. Chronic Effects on Humans: Kidney damage

11.4. Other Toxic Effects on Humans: Hazardous in case of inhalation. Slightly hazardous in case of skin contact (irritant), of ingestion.

11.5. Special Remarks on Toxicity to Animals: N.A.

11.6. Special Remarks on Chronic Effects on Humans: N.A.

11.7. Special Remarks on other Toxic Effects on Humans: N.A.

Section 12 – Ecological Information

12.1. Products of Biodegradation: N.A.

12.2. Toxicity of the Products of Biodegradation: N.A.

12.3. Remarks on the Products of Biodegradation: N.A.

Section 13 – Disposal Considerations

13.1. Disposal methods

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14 – Transport Information

14.1. UN number : N.A.

14.2. UN proper shipping name : N.A

14.3. Transport of hazard classes : N.A

14.4. Packing group : N.A

14.5. Environmental hazards : N.A.

14.6. Special precautions for user : N.A

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: N.A.

Section 15 – Regulatory Information

15.1. Federal and State Regulations: N.A.

15.2. Other Regulations: N.A.

15.3. Other Classifications: N.A.

15.3.1. WHMIS (Canada): N.A.

15.3.2 DSCL (EEC): N.A.

15.3.3. HMIS (U.S.A.): N.A.

15.3.4. National Fire Protection Association (U.S.A.): N.A.

Section 16 : Additional Information

16.1. Mainly changes made to the previous version of this Material Safety Data Sheet(MSDS):

- This MSDS complies with ISO 11014; the requirements of UN-GHS

Revision No	Revision content
05	<ul style="list-style-type: none">• This SDS is updated in accordance with the GHS (Rev.6) (2015)-Guidance on the Compilation of Safety data Sheets.• This SDS is updated in line with Eti Maden Corporate identity.

16.2. List of abbreviation and acronyms used in this MSDS

SDS : Safety Data Sheets

Index N° : atomic number of the element most characteristic of the properties of the substance

CAS No : Chemical Abstracts Service number

EC No : EINECS Number : European Inventory of Existing Commercial Substances

Repr. Cat. 2 : Substance presumed human reproductive toxicant

Acute Oral Cat. 5 : Substance which is of relatively low acute oral toxicity.

GHS : Globally Harmonised System of Classification and Labelling

LD₅₀ : Median Lethal Dose

LC₅₀ : Lethal Concentration, 50%

N.A. : Not Applicable

OSHA : Occupational Safety & Health Administration

Cal OSHA : The State of California Division of Occupational Safety and Health (DOSH)

PEL : Permissible Exposure Limits

ACGIH : American Conference of Governmental Industrial Hygienists

TLV : Threshold Limit Value

Japanese MITI : Japanese Ministry of International Trade and Industry

EC₅₀ : Half maximal effective concentration

UN : United Nations

U.S. EPA TSCA Inventory: Inventory of the chemical substances manufactured or processed in the United States according to Toxic Substances Control Act compiled and published under the authority of the Environmental Protection Agency

Canadian DSL: Canadian Domestic Substances List

16.3. Disclaimer of Liability

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