

Safety Data Sheet

WOLLASTONITE

Revision date :

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NUMBER

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Chemical Name	Wollastonite (Calcium Metasilicate)
CAS NO.	13983-17-0

1.2 Relevant identified uses of the substance or mixture and uses advised against

1. Wollastonite is used in coatings as an extender pigment, and to provide resistance to flash and early rust
2. Wollastonite provides smooth flow, water resistance, improved wet adhesion, and good gloss in epoxy powder coatings.
3. Wollastonite is used as a reinforcing filler in plastics because of its low oil and moisture absorption.

Details of the supplier of the safety data sheet

COMPANY

POLYMER ADD (THAILAND) CO., LTD.
 106, Chalarempriakiat, Lor 9, Soi 22, Yak
 5, Nongbon, Prawet, Bangkok
 Bangkok - 10250
 Thailand
 Telephone : 0804531391
 Email - contact@polymeradd.co.th

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Physical and Chemical Hazards	Not classified
Human Health	Quartz: STOT RE 1 – H372
Environment	Not classified

2.2 Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

H372

Causes damage to lungs through prolonged or repeated exposure via inhalation

P260

Do not breathe dust

P285

In case of inadequate ventilation wear respiratory protection

P501

Dispose of contents / containers in accordance with local regulations

2.3 Other hazards

None

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3 COMPOSITION/INFORMATION ON INGREDIENTS

Composition Comments

Calcium Metasilicate : >70

Calcium carbonate : <20

Magnesium Calcium silicate : <3

Silicon dioxide : <4

3.1 Substances

Component

Chemical Name	Wollastonite
CAS NO	13983-17-0
EC Number	237-772-5
Molecular Formula	CaSiO ₃
Molecular Weight	116.159 g/mol
Concentration	

4 FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled	Remove to fresh air
In case of skin contact	Wash skin thoroughly with soap and water.
In case of eye contact	Immediately rinse with water for several minutes.
If swallowed	Drink plenty of water. Never give liquid to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

5.2 Special hazards arising from the substance or mixture The product is not flammable, combustible or explosive. No hazardous thermal decomposition

5.3 Advice for firefighters No specific special firefighting protection is required.

5.4 Further information

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions protective equipment and emergency procedures

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Use proper respiratory and personal protective equipment. MSHA/NIOSH or OSHA/NIOSH approved respirator recommended. Spilled materials may cause slippery conditions when wet. Care should be exercised when walking on spills on floor or concrete pads

6.2 Environmental precautions

No data available

6.3 Methods and materials for containment and cleaning up

Vacuum, pump or scoop spilled material into containers for reclaiming or disposal. Do not discharge into drains, watercourses or onto the ground.

6.4 Reference to other sections

No data available

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Minimize dust generation and accumulation. If excessive dust is generated, provide adequate ventilation and use proper respiratory and personal pro

7.2 Information about protection against explosions and fires

No data available

7.3 Conditions for safe storage including any incompatibilities

No data available

7.4 Specific end use(s)

No data available

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

9 PHYSICAL AND CHEMICAL PROPERTIES

9.2 Other safety information

10 STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

10.5 Incompatible materials

10.6 Hazardous decomposition products

11 TOXICOLOGICAL INFORMATION

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11.1 Information on toxicological effects

12 ECOLOGICAL INFORMATION

12.1 Toxicity

12.2 Persistence and degradability

12.3 Bio accumulative potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

14 TRANSPORT INFORMATION

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packaging group

14.5 Environmental hazards

14.6 Special precautions for user

15 REGULATORY INFORMATION

15.1 Safety health and environmental regulations/legislation specific for the substance or mixture

No data available

15.2 Chemical Safety Assessment

No data available

16 OTHER INFORMATION