

Safety Data Sheet ALUMINIUM SILICATE

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

1.1 Product identifiers

Chemical Name	ALUMINIUM SILICATE
CAS NO.	12141-46-7

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

1. ALS-162 is moisture scavenger for plastic and coating systems
2. ALS-162 is used as filler in Paints
3. ALS-162 is used as reinforcing agent in rubber

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 a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
Human Health	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
Environment	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
Not a hazardous substance	

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

Label elements	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
According to European Directive 67/548/EEC as amended	Not a hazardous substance

2.3 Other hazards	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
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3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

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Component

Chemical Name	ALUMINIUM SILICATE
CAS NO	12141-46-7
EC Number	235-253-8
Molecular Formula	Al ₂ SiO ₅
Molecular Weight	162.04
Concentration	Min 93%

4 FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled After inhalation: fresh air.

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

5.3 Advice for firefighters

5.4 Further information

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions protective equipment and emergency procedures

No data available

6.2 Environmental precautions

No data available

6.3 Methods and materials for containment and cleaning up

No data available

6.4 Reference to other sections

No data available

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

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No data available

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

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

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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**