

Polymer Add (Thailand) Co.,Ltd.

Office - 106, Chalermprakiat, Lor 9, Soi 22, Yak 5, Nongbon, Prawet, Bangkok, Thailand 10250
Factory - 188/3, Moo 8, Tambon Bangpu Mai, Amphoe Muang Samut Prakan, Samutprakan, Thailand 10280
Mobile - Thai : 0804531391, English: 0839415475, E-mail – contact@polymeradd.co.th



SAFETY DATA SHEET (MSDS / SDS)

ALUMINIUM BENZOATE – MICRONISED

1. Identification of the Substance and of the Company

Item	Details
Product Name	Aluminium Benzoate (Micronised)
CAS No.	555-56-0
Recommended Use	Solid plasticizer / functional modifier for polymers
Uses Advised Against	Food, pharmaceutical, cosmetic, or consumer applications
Supplier	Polymer Add (Thailand) Co., Ltd.
Office Address	106, Chalermprakiat R.9 Soi 22 Yak 5, Nongbon, Prawet, Bangkok 10250, Thailand
Factory Address	188/3 Moo 8, Bangpu Mai, Muang Samut Prakan, Samut Prakan 10280, Thailand
Email	contact@polymeradd.co.th

2. Hazards Identification

Item	Description
Classification (GHS/CLP)	Based on available data, classification criteria are not met
Signal Word	None
Hazard Statements	Not applicable
Other Hazards	Fine powder may cause mechanical irritation (dust)

3. Composition / Information on Ingredients

Component	CAS No.
Concentration	Aluminium Benzoate
555-56-0	≥ 98 %

4. First Aid Measures

Exposure Route	Measures
Inhalation	Move to fresh air
Skin Contact	Wash with soap and water
Eye Contact	Rinse with water for at least 15 minutes
Ingestion	Rinse mouth; seek medical advice if required

5. Firefighting Measures

Item	Description
Extinguishing Media	Water spray, foam, CO ₂
Decomposition Products	Carbon oxides, aluminium oxides

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6. Accidental Release Measures

Item	Description
Personal Precautions	Avoid dust formation
Cleanup Methods	Sweep or vacuum carefully

7. Handling and Storage

Item	Recommendation
Handling	Avoid dust inhalation
Storage	Cool, dry place

8. Exposure Controls / Personal Protection

Item	Recommendation
Eye Protection	Safety goggles
Skin Protection	Protective gloves
Respiratory Protection	Dust mask if required

9. Physical and Chemical Properties

Property	Value
Appearance	White solid / powder
Odour	Odourless
Melting / Decomposition	High-melting solid
Solubility	Insoluble in water

10. Stability and Reactivity

Item	Description
Stability	Stable under normal conditions
Incompatible Materials	Strong oxidising agents

11. Toxicological Information

Item	Description
Acute Toxicity	Based on available data, the substance is not expected to present acute toxicity under normal industrial handling conditions
Skin Corrosion / Irritation	Not classified; prolonged contact with dust may cause mild mechanical irritation
Serious Eye Damage / Irritation	Dust may cause temporary mechanical irritation
Respiratory Sensitisation	Not expected to cause respiratory sensitisation
Skin Sensitisation	Not expected to cause skin sensitisation
Germ Cell Mutagenicity	No data indicating mutagenic effects

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Carcinogenicity	Not classified as carcinogenic
Reproductive Toxicity	No data indicating reproductive toxicity
STOT – Single Exposure	Dust inhalation may cause transient respiratory discomfort
STOT – Repeated Exposure	No known adverse effects under normal industrial use
Aspiration Hazard	Not applicable (solid material)

12. Ecological Information

Item	Description
Ecotoxicity	Not expected to be harmful to aquatic organisms based on insolubility and stability
Persistence and Degradability	Expected to be persistent due to inorganic/metal-organic structure
Bioaccumulative Potential	Low bioaccumulation potential expected
Mobility in Soil	Low mobility due to insolubility
Other Adverse Effects	No additional ecological hazards known

13. Disposal Considerations

Item	Recommendation
Product Disposal	Dispose of in accordance with local, regional, and national regulations
Packaging Disposal	Empty containers should be disposed of or recycled according to local regulations
Waste Classification	Non-hazardous industrial waste (subject to local authority confirmation)

14. Transport Information

Regulation	Status
UN Number	Not applicable
UN Proper Shipping Name	Not regulated
Transport Hazard Class(es)	Not regulated
Packing Group	Not applicable
Environmental Hazards	Not classified as environmentally hazardous
Special Precautions for User	Avoid dust generation during handling and transport
Transport in Bulk (IMO / MARPOL)	Not applicable

15. Regulatory Information

Item	Description
Safety, Health and Environmental Regulations	This substance is intended for industrial use only
GHS / CLP Classification	Based on available data, classification criteria are not met

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Chemical Inventories	Regulatory status may vary by country; information available upon request
Restrictions	No specific restrictions identified for industrial polymer processing use

16. Other Information

Item	Description
Revision Number	1.0
Date of Issue	January 2026
Date of Review	January 2028
Intended Use	Industrial polymer processing applications only

Disclaimer

The information contained herein is based on current knowledge and is believed to be accurate. It is provided for guidance only and does not constitute a specification. Users are responsible for determining suitability for their particular application and compliance with applicable regulations.

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