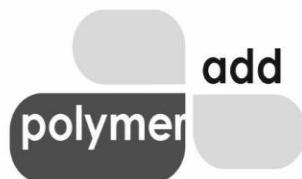


# Polymer Add (Thailand) Co.,Ltd.

Office - 106, Chalarempriakiat, 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 (SDS)

### MICRONISED POLYPROPYLENE (PP) – FILTER AID GRADE

Grade Code MPP-FA-25

Revision 1.0

Date January 2026

#### 1. IDENTIFICATION

<b>Product Name</b>	Micronised Polypropylene (PP) – Filter Aid Grade
<b>Chemical Name</b>	Polypropylene resin
<b>Synonyms</b>	Micronised PP; Polypropylene Powder; PP Filter Aid
<b>CAS Number</b>	9003-07-0
<b>Chemical Formula</b>	$(C_3H_6)_n$

<b>Recommended Use</b>	Polymeric filter aid for pressure filtration of non-aqueous liquids (industrial use)
<b>Manufacturer</b>	Polymer Add (Thailand) Co., Ltd. Bangkok / Samut Prakan, Thailand
<b>Emergency Contact</b>	Available upon request

#### 2. HAZARD IDENTIFICATION

<b>GHS Classification</b>	Not classified as hazardous according to GHS, EU CLP (EC 1272/2008)
<b>Label Elements</b>	Not required

#### Hazards Not Otherwise Classified:

- Fine polymer dust may cause **mechanical irritation** to eyes or respiratory tract
- Molten material may cause **thermal burns**

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Concentration
Polypropylene (homopolymer)	9003-07-0	≥ 99 %

#### 4. FIRST-AID MEASURES

<b>Skin Contact</b>	Solid material: Wash with soap and water. Molten material: Cool with running water. <b>Do not attempt removal.</b> Seek medical attention.
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<b>Eye Contact</b>	Flush immediately with water for at least 15 minutes. Seek medical attention if irritation persists.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, seek medical attention.
<b>Ingestion</b>	Not a likely route of exposure. Rinse mouth. Do not induce vomiting unless directed by medical personnel.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Water fog, foam, dry chemical, carbon dioxide
<b>Specific Hazards</b>	Combustion may generate carbon monoxide, carbon dioxide, and low-molecular-weight hydrocarbons.
<b>Protective Equipment</b>	Self-contained breathing apparatus and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid dust inhalation. Use appropriate PPE.
<b>Environmental Precautions</b>	Prevent release to environment.
<b>Cleanup Methods</b>	Sweep or vacuum using dust-controlled methods. Avoid generating airborne dust.

## 7. HANDLING AND STORAGE

### Handling:

- Avoid excessive dust generation
- Use local exhaust ventilation if needed
- Avoid contact with eyes

### Storage:

- Store in a cool, dry, well-ventilated area
- Keep away from heat, flame, and sparks
- Keep containers tightly closed

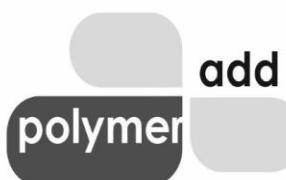
## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits (guideline):

Substance	Reference	Limit
Polypropylene dust	Typical OEL	10 mg/m <sup>3</sup> (total dust)

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## Personal Protective Equipment:

- Eye protection: Safety glasses
- Respiratory protection: Not normally required; use dust mask if dust is generated
- Protective clothing: Standard industrial workwear

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	White to off-white powder
Odor	Odorless
Physical State	Solid
Melting Point	190 – 240 °C
Flash Point	~348 °C
Auto-ignition Temperature	~380 °C
Solubility in Water	Insoluble
Density	~0.90 g/cm <sup>3</sup>
Bulk Density (powder)	~400 kg/m <sup>3</sup>

## 10. STABILITY AND REACTIVITY

### Chemical Stability:

Stable under normal conditions.

### Conditions to Avoid:

Excessive heat, open flame, uncontrolled dust dispersion.

### Incompatible Materials:

Strong oxidizing agents.

### Hazardous Decomposition Products:

Carbon oxides, hydrocarbons (under thermal decomposition).

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity:

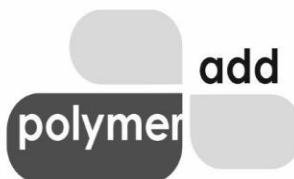
- Oral LD<sub>50</sub> (rat): > 8,000 mg/kg

### Irritation:

- Eyes: Mechanical irritation possible
- Skin: Not irritating (solid); molten material causes thermal burns
- Inhalation: Dust may cause temporary irritation

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## Carcinogenicity:

Not classifiable (IARC Group 3 – polymer inert)

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity:

No known adverse effects.

### Persistence / Degradability:

Not readily biodegradable.

### Bioaccumulation:

Not expected to bioaccumulate.

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

Material may be recycled if uncontaminated.

Incineration or licensed landfill disposal is acceptable.

## 14. TRANSPORT INFORMATION

**UN Number:** Not regulated

**ADR / RID:** Not regulated

**IMDG:** Not regulated

**IATA:** Not regulated

## 15. REGULATORY INFORMATION

- REACH: Polymer – exempt from registration
- TSCA: Listed
- RoHS / WEEE: Compliant
- WHMIS: Not classified
- EU CLP: Not hazardous

## 16. OTHER INFORMATION

This SDS is based on current knowledge of polypropylene homopolymer materials and their micronised physical form. Information is provided in good faith and is not a guarantee of product performance.