

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)

Product Name: FILLERMATCH MICROBLEND F60

1. Identification of the Substance/Mixture and of the Company/Undertaking

Field	Information
Product Name	FILLERMATCH MICROBLEND F60
Recommended Uses	Micronized additive blend for filler masterbatches in PE, PP, EVA, and CaCO ₃ -based systems
Manufacturer	Polymer Add (Thailand) Co., Ltd
Office Address	106, Chalarempriakiat, Lor 9, Soi 22, Yak 5, Nongbon, Prawet, Bangkok, Thailand 10250
Factory Address	188/3, Moo 8, Bangpu Mai, Muang Samut Prakan, Samutprakan, Thailand 10280
Mobile (Thai)	0804531391
Mobile (English)	0839415475
Email	contact@polymeradd.co.th

2. Hazards Identification

Field	Description
Classification(GHS)	Not classified as hazardous under normal handling.
Physical Hazards	Dust can form explosive mixtures in air.
Health Hazards	May cause mild irritation to eyes, skin, or respiratory system with prolonged exposure.
Environmental Hazards	Not considered hazardous to the environment at recommended usage levels.

3. Composition/Information on Ingredients

Component	Function	% w/w	CAS No.
Micronized Polyethylene Wax	Surface slip, dispersion aid	30.0	9002-88-4
Micronized GMS (90%)	Anti-agglomeration, lubricant	25.0	31566-31-1
Hydrophobic Fumed Silica (R972 type)	Anti-caking, moisture resistance	5.0	68909-20-6
Micronized Zinc Stearate	Internal lubricant, flow modifier	20.0	557-05-1
Synthetic Amorphous Silica	Free-flow agent, blend uniformity	10.0	112926-00-8
Micronized Calcium Carbonate	Bulk carrier, thermal stability	10.0	471-34-1

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



4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical advice if irritation persists.
- **Skin Contact:** Wash with soap and water. Remove contaminated clothing.
- **Eye Contact:** Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation continues.
- **Ingestion:** Rinse mouth. No significant toxicity expected; seek medical help if large amounts ingested.

5. Firefighting Measures

- **Extinguishing Media:** Water spray, CO₂, dry chemical, or foam.
- **Specific Hazards:** Dust clouds may be combustible. Combustion products may include CO, CO₂, metal oxides, hydrocarbons.
- **Protective Equipment:** Use self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

- **Personal Precautions:** Avoid dust formation. Use PPE (gloves, goggles, mask).
- **Environmental Precautions:** Prevent spillage into drains or waterways.
- **Clean-up Methods:** Sweep or vacuum (HEPA filter) into sealed container. Avoid dry brushing.

7. Handling and Storage

- **Handling:** Ensure good ventilation. Ground handling equipment to avoid static. Minimize dust formation.
- **Storage:** Store in cool, dry place, away from moisture and sunlight. Keep bags sealed.
- **Shelf Life:** 24 months if stored in sealed packaging.

8. Exposure Controls / Personal Protection

Field	Information
Exposure Limits	Follow local dust exposure standards.
Engineering Controls	Provide local exhaust ventilation.
Personal Protection	<ul style="list-style-type: none">• Respiratory: Dust mask/respirator (P2/P3).• Eye: Safety goggles.• Skin: Protective gloves, coveralls.

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



9. Physical and Chemical Properties

Property	Value
Appearance	Fine white micronized powder
Odour	Neutral to mild waxy
Melting Range	80–130 °C
Particle Size (D100)	< 20 µm
Moisture Content	< 0.5%
Bulk Density	0.38–0.48 g/cm ³
Solubility	Insoluble in water

10. Stability and Reactivity

- **Stability:** Stable under recommended storage/handling conditions.
- **Conditions to Avoid:** Excessive heat, ignition sources, and moisture.
- **Incompatible Materials:** Strong oxidizing agents.
- **Decomposition Products:** CO, CO₂, and metal oxides under combustion.

11. Toxicological Information

Test	Result
Acute Toxicity	Low acute toxicity.
Irritation	Dust may cause mechanical irritation to eyes, skin, and respiratory tract.
Chronic Effects	Repeated inhalation of silica or zinc stearate dust may cause lung irritation
Carcinogenicity	None of the listed components classified as carcinogenic (IARC/OSHA/EU).

12. Ecological Information

- **Ecotoxicity:** Not expected to be harmful in normal use.
- **Persistence/Degradability:** Components are stable and largely inert.
- **Mobility:** Low water solubility, low mobility in soil.
- **Bioaccumulation:** Negligible potential.

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



13. Disposal Considerations

- **Product Disposal:** Dispose of according to local/national regulations.
- **Methods:** Landfill or incineration in licensed facility.
- **Packaging:** Recycle if possible or dispose as industrial waste.

14. Transport Information

Mode	Remarks
UN Classification	Not classified as dangerous goods.
ADR/RID/IMDG/IATA	Non-hazardous for transport.
Transport Precautions	Keep containers sealed and dry.

15. Regulatory Information

- **Classification:** Non-hazardous mixture (per GHS).
- **Regulatory Status:** All components listed with CAS numbers; REACH registered or exempt.
- **Intended Use:** For industrial use only, not food-contact unless specified.

16. Other Information

Document Ref: FILLERMATCH MICROBLEND F60

Issue Date: July 2025

Prepared by: Polymer Add Thailand

References: Technical Data Sheet BLACKMB MICROBLEND B45, supplier raw material SDS.

Abbreviations: GHS = Globally Harmonized System.

Disclaimer: Information is based on current knowledge and intended for safe handling. User must confirm suitability for specific application.

This SDS is provided for industrial handling and transportation purposes only. It does not serve as a product specification or guarantee. Polymer Add (Thailand) Co., Ltd shall not be held liable for misuse or mishandling. Final responsibility lies with the user.