

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: FURNICOAT MICROBLEND F55

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

Field	Information
Product Name	FURNICOAT MICROBLEND F55
Relevant Identified Uses	Micronized additive blend for powder coatings
Uses Advised Against	Not intended for pharmaceutical or food use unless specifically tested and certified
Supplier	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 GHS
Label Elements	No hazard pictograms or signal words required
Other Hazards	Dust may cause mechanical irritation. Risk of combustible dust cloud in air

3. Composition/Information on Ingredients

Substance	CAS Number	Function	% w/w
Micronized PE Wax	9002-88-4	Slip, anti-blocking	35%
Synthetic Amide Wax	68953-58-2	Scratch resistance	15%
Calcium Stearate (micronized)	1592-23-0	Lubricant, flow improver	10%
Fumed Silica (R972 type)	112945-52-5	Anti-caking	2%
Antioxidant 1010	6683-19-8	Thermal stabilizer	3%
Acrylic Processing Aid	9011-87-4	Flow and gloss control	15%
Moisture Buffer (optional)	471-34-1 / 112926-00-8	Agglomeration prevention	10%
Polyether-Modified Silicone	27306-78-1	Slip, anti-fingerprint	10%

4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical attention if symptoms persist.
- **Skin Contact:** Wash with soap and water. Get medical help if irritation develops.

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



- **Eye Contact:** Rinse thoroughly with water. Seek medical advice if irritation continues.
- **Ingestion:** Rinse mouth. Do not induce vomiting. Seek medical attention if symptoms occur.

5. Firefighting Measures

- **Suitable Extinguishing Media:** Water spray, foam, CO₂, dry chemical
- **Hazards:** May form combustible dust-air mixtures
- **Protective Equipment:** Self-contained breathing apparatus and protective clothing

6. Accidental Release Measures

- **Personal Precautions:** Avoid inhalation and contact with skin/eyes. Wear PPE.
- **Environmental Precautions:** Prevent release to drains or environment.
- **Clean-up Methods:** Collect mechanically and dispose according to local regulations. Avoid dust formation.

7. Handling and Storage

- **Handling:** Use in well-ventilated areas. Avoid generating dust.
- **Storage:** Store in cool, dry conditions. Avoid humidity and direct sunlight. Use sealed packaging.

8. Exposure Controls / Personal Protection

Field	Information
Exposure Limits	Not established for the blend
Engineering Controls	Local exhaust ventilation recommended
Personal Protection	<ul style="list-style-type: none">• Respiratory: Dust mask (P2 or N95)• Eyes: Safety goggles• Skin: Gloves and protective clothing

9. Physical and Chemical Properties

Property	Value
Appearance	White to off-white micronized powder
Odour	Neutral to faint waxy
Melting Point	95–125 °C
Flammability	Dust may form explosive mixture with air
Bulk Density	0.30 – 0.40 g/cm ³
Solubility in Water	Insoluble
Moisture Content	<0.5%
Particle Size	D100 < 20 µm; D50 = 6 – 10 µm

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



10. Stability and Reactivity

- **Stability:** Stable under normal conditions
- **Conditions to Avoid:** Heat, sparks, open flames, static discharge
- **Incompatible Materials:** Strong oxidizers
- **Decomposition Products:** Carbon oxides, hydrocarbons, stearates, silica fumes

11. Toxicological Information

Test	Result
Acute Toxicity	No data for blend; individual components considered low toxicity
Irritation	Dust may cause mechanical eye and respiratory irritation
Sensitization	Not expected
Chronic Effects	No known significant effects

12. Ecological Information

- **Eco toxicity:** Not expected to be acutely toxic to aquatic life
- **Persistence/Degradability:** Components are not readily biodegradable
- **Mobility in Soil:** Low due to poor water solubility
- **Bioaccumulation Potential:** Not expected

13. Disposal Considerations

- **Waste Treatment:** Dispose in accordance with local/regional regulations
- **Packaging:** Recycle if possible or dispose as solid industrial waste

14. Transport Information

Mode	Classification
UN Number	Not regulated
Transport Hazard Class	Not regulated
Packing Group	Not applicable
Marine Pollutant	No
Special Precautions	Avoid dispersion during handling and transport

15. Regulatory Information

- **Inventory Status:** All components are listed or exempt under major chemical inventories
- **Regulatory Use:** Not for food contact or medical use
- **Other Information:** Complies with industrial powder coating regulations

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



16. Other Information – FURNICOAT MICROBLEND F55

- **SDS Version:** 1.0 / 2025
- **Date of Preparation:** July 2025
- **Reason for Issue:** First SDS issued for micronized technical grade
- **Recommended Use:** For use in powder coatings for furniture
- **Training Advice:** Ensure proper training for powder handling and dust control

Disclaimer:

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.

POLYMER ADD