

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: ELECTROCOAT MICROBLEND E30

Micronized Additive Blend for Powder Coating – Office Equipment & Electronics

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

Field	Information
Product Name	ELECTROCOAT MICROBLEND E30
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 (CLP)	Not classified under Regulation (EC) No. 1272/2008
Classification (67/548/EEC)	Not classified
Label Elements	Fine dust may cause mechanical irritation to eyes and respiratory tract. Risk of dust explosion if dispersed in air

3. Composition/Information on Ingredients

Substance	CAS Number	Function	% w/w
Micronized PE Wax	9002-88-4	Anti-blocking, gloss control	40%
Synthetic Amide Wax	68953-58-2	Mar resistance	15%
Acrylic Processing Aid	9011-87-4	Melt leveling aid	10%
Fumed Silica (R972 type)	112945-52-5	Flow modifier, anti-caking	2%
Antioxidant 1010	6683-19-8	Thermal stability	3%
Polyether-Modified Silicone	27306-78-1	Slip and fingerprint resistance	10%
Pigment Orientation Aid	9003-11-6	Color uniformity	10%
Moisture Buffer (optional)	471-34-1 / 112926-00-8	Storage stability	10%

Polymer Add (Thailand) Co.,Ltd.

Office - 106, Chalaremprikat, 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 attention if symptoms persist.
- **Skin Contact:** Wash with soap and water. Get medical help if irritation occurs.
- **Eye Contact:** Rinse immediately with water for at least 15 minutes. Seek medical advice.
- **Ingestion:** Rinse mouth with water. Do not induce vomiting. Seek medical attention if necessary.

5. Firefighting Measures

- **Suitable Extinguishing Media:** Water spray, foam, dry chemical, CO₂
- **Hazards:** May form flammable dust-air mixtures
- **Protection for Firefighters:** Self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

- **Personal Precautions:** Avoid inhalation of dust. Use appropriate PPE.
- **Environmental Precautions:** Prevent entry into sewers or watercourses.
- **Methods for Cleaning Up:** Sweep up or vacuum using explosion-proof equipment. Avoid dust generation.

7. Handling and Storage

- **Handling:** Avoid dust formation. Use in well-ventilated areas. Ground all equipment.
- **Storage:** Store in original packaging in a dry, cool, well-ventilated place. Protect from moisture and sunlight.

8. Exposure Controls / Personal Protection

Field	Information
Exposure Limits	Not established for blend; refer to individual components
Engineering Controls	Use local exhaust ventilation and dust collection systems
PPE	Respiratory Protection: Dust mask or respirator (P2 or N95) Eye Protection: Safety goggles Skin Protection: Protective gloves and 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

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



Flammability	May form combustible dust cloud in air
Bulk Density	0.30–0.40 g/cm ³
Solubility in Water	Insoluble
Moisture Content	<0.5%
Particle Size	D100 < 20 µm, D50 = 6–9 µm

10. Stability and Reactivity

- **Chemical Stability:** Stable under normal storage and handling
- **Conditions to Avoid:** Heat, sparks, open flame, electrostatic discharge
- **Incompatible Materials:** Strong oxidizing agents
- **Hazardous Decomposition Products:** CO, CO₂, hydrocarbons, nitrogen oxides under fire conditions

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

- **Environmental Fate:** Insoluble in water; expected to be non-biodegradable
- **Eco toxicity:** No known acute aquatic toxicity
- **Mobility:** Not mobile in soil
- **Bioaccumulation:** Not expected

13. Disposal Considerations

- **Waste Disposal:** Dispose of in accordance with local and national regulations.
- **Contaminated Packaging:** Empty containers should be recycled or disposed of safely.

14. Transport Information

Mode	Classification
UN Number	Not regulated
Transport Hazard Class	Not regulated
Packing Group	Not applicable
Environmental Hazards	None
Special Precautions	Avoid dust formation during transport

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



15. Regulatory Information

- **Chemical Inventory Status:** All components listed or exempted under major regulatory inventories
- **REACH/TSCA/DSL/EINECS Compliance:** Compliant
- **Restrictions:** Not suitable for food contact or medical use

16. Other Information – ELECTROCOAT MICROBLEND E30

- **SDS Version:** 1.0 / 2025
- **Date of Preparation:** July 2025
- **Reason for Issue:** First SDS issued for micronized technical grade
- **Recommended Use:** For industrial use in powder coatings only
- **Training Advice:** Provide appropriate training on handling powders 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.