

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: INDUCOAT MICROBLEND G40

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

Field	Information
Product Name	INDUCOAT MICROBLEND G40
Relevant Identified Uses	Micronized additive blend for powder coatings
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
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Email	contact@polymeradd.co.th

2. Hazards Identification

Field	Description
Classification (GHS)	Not classified as hazardous
Label Elements	No hazard pictograms or signal words required
Other Hazards	Fine dust may cause mechanical irritation. Potential for dust explosion when suspended in air in confined spaces

3. Composition/Information on Ingredients

Substance	CAS Number	Function	% w/w
Micronized PE Wax	9002-88-4	Surface protection, anti-blocking	40%
Synthetic Amide Wax	68953-58-2	Mar resistance	15%
Calcium Stearate (micronized)	1592-23-0	Flow enhancer, internal lubricant	10%
Fumed Silica (R972 type)	112945-52-5	Flow aid, anti-caking	2%
Antioxidant 1010	6683-19-8	Thermal stabilizer	3%
Acrylic Processing Aid	9011-87-4	Gloss control, film uniformity	10%
Polyether-Modified Silicone	27306-78-1	Slip enhancer, anti-scuff	10%
Moisture Buffer (optional)	471-34-1 / 112926-00-8	Storage life stabilizer	10%

4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical attention if symptoms persist.
- **Skin Contact:** Wash skin thoroughly with soap and water.
- **Eye Contact:** Flush eyes with water for at least 15 minutes. Consult a physician if irritation continues.

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- **Ingestion:** Rinse mouth with water. Do not induce vomiting. Seek medical attention if symptoms occur.

5. Firefighting Measures

- **Suitable Extinguishing Media:** Foam, dry powder, water spray, CO₂
- **Hazards:** Dust may form explosive mixtures with air
- **Protective Equipment:** Self-contained breathing apparatus and protective clothing for firefighters

6. Accidental Release Measures

- **Personal Precautions:** Avoid dust inhalation. Use appropriate PPE.
- **Environmental Precautions:** Prevent contamination of water bodies and sewer systems.
- **Clean-up Methods:** Collect mechanically. Avoid generating dust. Use spark-proof tools and grounded equipment.

7. Handling and Storage

- **Handling:** Use only in well-ventilated areas. Avoid creating dust. Ground all handling equipment.
- **Storage:** Store in original containers in a cool, dry, ventilated area. Avoid sunlight and moisture.

8. Exposure Controls / Personal Protection

Field	Information
Exposure Limits	Not established for the blend
Engineering Controls	Use local exhaust ventilation
Personal Protection	<ul style="list-style-type: none">• Respiratory: Dust mask (P2 or N95)• Eyes: Safety goggles• Skin: Gloves and protective clothing• General Hygiene: Wash hands before breaks and after handling

9. Physical and Chemical Properties

Property	Value
Appearance	White to light grey powder
Odour	Neutral to faint waxy
Melting Point	100–130 °C
Flammability	Dust may be combustible in air
Bulk Density	0.32 – 0.42 g/cm ³
Solubility in Water	Insoluble

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Moisture Content	<0.5%
Particle Size	D100 < 20 µm; D50 = 7 – 10 µm

10. Stability and Reactivity

- **Stability:** Stable under recommended storage conditions
- **Conditions to Avoid:** Open flames, sparks, electrostatic discharge
- **Incompatible Materials:** Strong oxidizing agents
- **Hazardous Decomposition Products:** CO, CO₂, hydrocarbons, silica fumes

11. Toxicological Information

Test	Result
Acute Toxicity	No known significant effects or critical hazards
Irritation	Dust may cause mechanical eye and respiratory irritation
Sensitization	Not expected
Chronic Effects	Not known to cause long-term health effects

12. Ecological Information

- **Eco toxicity:** Not expected to be harmful to aquatic organisms
- **Persistence/Degradability:** Not readily biodegradable
- **Bioaccumulation:** Not expected
- **Mobility in Soil:** Low due to water insolubility

13. Disposal Considerations

- **Waste Disposal:** Dispose of in accordance with local, regional, and national regulations
- **Contaminated Packaging:** Clean packaging may be recycled; otherwise dispose of as solid waste

14. Transport Information

Mode	Classification
UN Number	Not regulated
Transport Hazard Class	Not applicable
Packing Group	Not applicable
Marine Pollutant	No
Special Precautions	Protect against physical damage and moisture during transit

15. Regulatory Information

- **Chemical Inventory Status:** All components are listed or exempt on major international inventories

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- **Other Regulations:** Not intended for food contact, pharmaceutical, or medical device applications

16. Other Information – INDUCOAT MICROBLEND G40

- **SDS Version:** 1.0 / 2025
- **Date of Preparation:** July 2025
- **Reason for Issue:** First SDS issued for micronized technical grade
- **Usage Restrictions:** Industrial use only
- **Training Advice:** Personnel handling product should be trained in dust safety and powder handling

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.