

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: POWDERBOND-MATCH MICROBLEND P90

Micronized Additive Blend for Epoxy and Polyester Powder Adhesives

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

Field	Information
Product Name	POWDERBOND-MATCH MICROBLEND P90
Recommended Uses	Additive blend for improving flow, melt uniformity, and adhesion in epoxy/polyester powder adhesives
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
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Email	contact@polymeradd.co.th

2. Hazards Identification

Field	Description
Classification	Not hazardous under GHS classification
Hazards	Dust may cause mild mechanical irritation to eyes and respiratory system
Signal Word	None

3. Composition/Information on Ingredients

Substance	CAS No	Purity
Micronized Polyethylene Wax	9002-88-4	30%
Micronized Glycerol Monostearate	31566-31-1	20%
Zinc Stearate	557-05-1	15%
Micronized Talc	14807-96-6	15%
Hydrophobic Fumed Silica	68909-20-6	10%
Synthetic Amorphous Silica	112926-00-8	10%

4. First Aid Measures

- **Inhalation:** Remove to fresh air, seek medical attention if symptoms persist
- **Skin Contact:** Wash with soap and water
- **Eye Contact:** Rinse cautiously with water for several minutes
- **Ingestion:** Rinse mouth and consult a physician

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5. Firefighting Measures

- **Extinguishing Media:** CO₂, dry chemical, foam, water spray.
- **Hazards:** May release carbon monoxide and fine particulate matter
- **Protection:** Use SCBA and full protective equipment

6. Accidental Release Measures

- **Personal Precautions:** Avoid dust formation
- **Environmental Precautions:** Sweep or vacuum using non-sparking tools
- **Clean-Up Methods:** Prevent release to drains or surface waters

7. Handling and Storage

- **Handling:** Use local ventilation, avoid inhalation of dust
- **Storage:** Store in sealed containers in a dry, cool place below 30 °C

8. Exposure Controls / Personal Protection

Field	Information
Exposure Limits	Treat as nuisance dust
PPE	Wear dust mask, gloves, and safety goggles

9. Physical and Chemical Properties

Property	Value
Appearance	Fine white powder
Odour	Neutral to slightly waxy
Melting Range	90–140 °C
Particle Size (D90)	D100 < 20 µm
Bulk Density	~0.42–0.48 g/cm ³
Moisture Content	<0.5%

10. Stability and Reactivity

- **Stability:** Stable under normal conditions
- **Hazardous Reactions:** Avoid strong oxidizing agents and moisture

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11. Toxicological Information

Test	Result
Toxicity	Low Toxicity
Eye Irritation	May cause mild mechanical irritation
Prolonged Inhalation	May Cause respiratory irritation

12. Ecological Information

Conclusion

- Not classified as environmentally hazardous under intended use
- Avoid uncontrolled release

13. Disposal Considerations

- **Product Waste:** Dispose as non-hazardous industrial waste in accordance with local regulations

14. Transport Information

Mode	Classification	Remarks
ADR/RID (Road/Rail)	Not regulated	Not classified as dangerous goods
IMDG (Sea)	Not regulated	Not a marine pollutant
ICAO/IATA (Air)	Not regulated	Not restricted
DOT (USA)	Not regulated	Not hazardous for transport

15. Regulatory Information

- **REACH:** Compliant with applicable global regulatory requirements
- **Inventories:** Free from SVHCs, nitrites, and benzotriazoles

16. Other Information

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Prepared by: Polymer Add Thailand

Disclaimer:

Data is believed accurate but should be verified by the end user for specific applications.

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.