

Polymer Add (Thailand) Co.,Ltd.

Office - 106, Chalaremprikiat, 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: REACTIVEMATCH MICROBLEND R60
Micronized Additive Blend for Reactive Powder Adhesives

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

Field	Information
Product Name	REACTIVEMATCH MICROBLEND R60
Recommended Uses	Additive blend for processing, thermal control, and flowability of reactive powder adhesives (e.g., PUR)
Manufacturer	Polymer Add (Thailand) Co., Ltd
Office Address	106, Chalaremprikiat, Lor 9, Soi 22, Yak 5, Nongbon, Prawet, Bangkok, Thailand 10250
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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	10%
Hydrophobic Fumed Silica	68909-20-6	10%
Synthetic Amorphous Silica	112926-00-8	10%
Polyether Modified Polydimethylsiloxane	27306-78-1	5%

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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

5. Firefighting Measures

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

6. Accidental Release Measures

- **Personal Precautions:** Avoid dust formation
- **Environmental Precautions:** Use non-sparking tools. Sweep or vacuum with dust control
- **Clean-Up Methods:** Prevent release to watercourses or soil.

7. Handling and Storage

- **Handling:** Use local ventilation, avoid inhalation of dust
- **Storage:** Store in tightly sealed containers below 30 °C in dry area; avoid humidity and open air exposure

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 off-white to light gray powder
Odour	Neutral to mild waxy
Melting Range	85–130 °C
Particle Size (D90)	D100 < 20 µm
Bulk Density	~0.38–0.45 g/cm ³
Moisture Content	<0.5%

10. Stability and Reactivity

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

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 expected to pose significant environmental hazards
- Avoid uncontrolled release into environment

13. Disposal Considerations

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

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 major chemical inventory regulations
- **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.

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