

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: THERMOLINE-MATCH MICROBLEND T70
Micronized Additive Blend for Thermoplastic Road Marking Adhesives

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

Field	Information
Product Name	THERMOLINE-MATCH MICROBLEND T70
Recommended Uses	Additive for flow improvement, wear resistance, and dispersion in thermoplastic road marking formulations
Manufacturer	Polymer Add (Thailand) Co., Ltd
Office Address	106, Chalarempriakiat, Lor 9, Soi 22, Yak 5, Nongbon, Prawet, Bangkok, Thailand 10250
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2. Hazards Identification

Field	Description
Classification	Not hazardous under GHS classification
Hazards	Inhalation of fine dust may cause irritation to eyes or respiratory tract
Signal Word	None

3. Composition/Information on Ingredients

Substance	CAS No	Purity
Micronized Polyethylene Wax	9002-88-4	35%
Micronized Glycerol Monostearate	31566-31-1	10%
Zinc Stearate	557-05-1	20%
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:** Move 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 if symptoms develop

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5. Firefighting Measures

- **Extinguishing Media:** CO₂, dry chemical, foam, water spray.
- **Hazards:** Fine dust may form explosive mixtures in air under rare conditions
- **Protection:** Use self-contained breathing apparatus and protective gear

6. Accidental Release Measures

- **Personal Precautions:** Avoid dust generation
- **Environmental Precautions:** Sweep or vacuum without raising dust
- **Clean-Up Methods:** Prevent release into sewers or natural water sources

7. Handling and Storage

- **Handling:** Use with adequate ventilation, minimize dust formation
- **Storage:** Store in sealed containers in cool, dry area below 30 °C; protect from moisture

8. Exposure Controls / Personal Protection

Field	Information
Exposure Limits	Nuisance dust (general threshold limits apply)
PPE	Wear dust mask, gloves, and safety goggles

9. Physical and Chemical Properties

Property	Value
Appearance	Fine off-white to beige powder
Odour	Neutral
Melting Range	95–135 °C
Particle Size (D90)	D100 < 20 µm
Bulk Density	~0.38–0.46 g/cm ³
Moisture Content	<0.5%

10. Stability and Reactivity

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

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11. Toxicological Information

Test	Result
Toxicity	Low acute toxicity expected under normal use
Eye Irritation	May cause mild mechanical irritation
Prolonged Inhalation	May Cause respiratory irritation

12. Ecological Information

Conclusion

- No significant environmental hazards under intended use
- Avoid uncontrolled release to soil or water

13. Disposal Considerations

- **Product Waste:** Dispose of in accordance with local and national regulations. Treat 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:** All ingredients comply with applicable 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.

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.