

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: LAMIBOND MICROBLEND SB45

Micronized Additive Blend for Lamination Adhesives

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

Field	Information
Product Name	LAMIBOND MICROBLEND SB45
Recommended Uses	Micronized blend for crystallization and rheology control in lamination 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 classified as hazardous under GHS
Hazards	Dust may cause mild irritation to eyes, skin, or respiratory tract
Signal Word	None

3. Composition/Information on Ingredients

Substance	CAS No	Purity
Sodium Benzoate (Micronized)	532-32-1	45.0%
Micronized Talc	14807-96-6	40%
Micronized Polyethylene Wax	9002-88-4	10%
Fumed Silica (Hydrophilic)	112945-52-5	5.0%

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4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical attention if symptoms persist
- **Skin Contact:** Wash thoroughly with soap and water
- **Eye Contact:** Rinse immediately with clean water
- **Ingestion:** Rinse mouth and consult physician if needed

5. Firefighting Measures

- **Extinguishing Media:** Dry chemical, foam, CO₂
- **Fire Hazards:** May produce CO, CO₂, and fine particulate matter
- **Protection:** Use SCBA and full protective clothing

6. Accidental Release Measures

- **Personal Precautions:** Avoid dust formation.
- **Environmental Precautions:** Sweep or vacuum without creating airborne dust.
- **Clean-Up Methods:** Dispose in accordance with local regulations

7. Handling and Storage

- **Handling:** Avoid dust exposure. Use local exhaust ventilation where necessary
- **Storage:** Store in sealed packaging below 30 °C. Keep dry and protected from moisture

8. Exposure Controls / Personal Protection

Field	Information
Exposure Limits	Treat as nuisance dust
PPE	Dust mask, gloves, goggles recommended

9. Physical and Chemical Properties

Property	Value
Appearance	Fine white powder
Odour	Slight or none
Melting Range	115–130 °C
Particle Size	D90 < 10 µm
Bulk Density	~0.42–0.50 g/cm ³
Moisture Content	<0.5%

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10. Stability and Reactivity

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

11. Toxicological Information

Test	Result
Toxicity	Low toxicity.
Eye Irritation	Dust may cause mild mechanical irritation
Chronic Effects	No chronic effects known

12. Ecological Information

Conclusion:

- Expected to have low environmental impact in normal use
- Avoid uncontrolled release into soil or water

13. Disposal Considerations

Product Waste: Dispose of as non-hazardous industrial waste. Follow 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

15. Regulatory Information

- Ingredients are compliant with global chemical inventories.
- Free from SVHCs, nitrites, and BTA

16. Other Information

Document Ref: LAMIBOND MICROBLEND SB45 MSDS

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Prepared by: Polymer Add Thailand

Disclaimer:

This information is believed to be accurate, but must be validated 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.