

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: VCIGUARD MICROBLEND V75

Pre-Blended VCI Additive System – For Polyolefins, LDPE, LLDPE, EVA

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

Field	Information
Product Name	VCIGUARD MICROBLEND V75
Synonyms	Pre-Blended VCI Additive System – For Polyolefins, LDPE, LLDPE, EVA
Recommended Uses	Pre-blended VCI additive system for extrusion into PE, LLDPE, EVA films
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(GHS)	Not classified as hazardous under GHS.
Hazards	Dust may cause mild eye or respiratory irritation.
Signal Word	None

3. Composition/Information on Ingredients

Component	% w/w	CAS No.
VCI Component (Benzoate salt blend)	20–25%	-
Sodium Succinate	10%	150-90-3
PE Wax / GMS 90%	10%	9002-88-4 / 31566-31-1
Hydrophobic Fumed Silica	1%	67762-90-7
Carrier Resin: Micronized Polyethylene	54–59%	9002-88-4

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4. First Aid Measures

- **Inhalation:** Move to fresh air. If breathing is difficult, seek medical attention.
- **Skin:** Wash with soap and water.
- **Eyes:** Flush with water. Seek medical advice if irritation persists.
- **Ingestion:** Rinse mouth. Do not induce vomiting.

5. Firefighting Measures

- **Extinguishing Media:** Water spray, dry chemical, foam, CO₂.
- **Hazards:** Decomposition may release ammonia (MAP) and CO₂.
- **Protection:** Use SCBA and protective gear.

6. Accidental Release Measures

- **Personal precautions:** Avoid creating airborne dust.
- **Environmental precautions:** Sweep up or vacuum.
- **Clean-up methods:** Avoid release to drains or environment.

7. Handling and Storage

- **Handling:** Avoid dust formation. Use in well-ventilated areas.
- **Storage:** Store in sealed containers in a dry place below 35 °C.

8. Exposure Controls / Personal Protection

Field	Information
Exposure Limits	General dust limits apply
PPE	Gloves, goggles, dust mask.

9. Physical and Chemical Properties

Property	Value
Appearance	Beige to yellowish free-flowing powder
Odour	Slight to neutral
Particle Size (D100)	<20 µm
Moisture Content	< 0.5%
Bulk Density	~0.40–0.55 g/cm ³

10. Stability and Reactivity

- **Stability:** Stable under recommended conditions.
- **Conditions to Avoid:** Avoid oxidizing agents and high humidity.

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11. Toxicological Information

Test	Result
Acute Toxicity	Low toxicity.
Skin/ Eye Irritation	Dust may irritate eyes and respiratory tract.
Carcinogenic	Not known to be sensitizing or carcinogenic

12. Ecological Information

- **Aquatic Toxicity:** Expected to have low environmental impact when used as directed.
- **Persistence/Degradability:** Avoid bulk discharge to water.

13. Disposal Considerations

- **Product/packaging:** Dispose as plastic additive waste in accordance with local regulations.

14. Transport Information

Mode	Remarks
UN Classification	Not classified as dangerous goods (ADR/IMDG/IATA).
Special precautions	Not regulated for transport

15. Regulatory Information

- **Classification:** RoHS-compliant.
- **Inventories:** Free from BTA, nitrites, and REACH SVHC-listed substances.

16. Other Information

Document Ref: VCIGUARD MICROBLEND V75 MSDS v1.0

Issue Date: August 2025

Prepared by: Polymer Add Thailand

Recommended dosage: 1.0–5.0 wt% in PE formulations.

Packaging: 10 kg PE-lined kraft bags; optional 5 kg HDPE sealed; 500 kg/pallet.

Disclaimer: Provided in good faith. User must confirm suitability.

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.