

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 CR60

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

Field	Information
Product Name	VCIGUARD CR60
Relevant Identified Uses	VCI additive for cleanroom films and electronic packaging
Supplier	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 eye or respiratory irritation.
Signal Word	None

3. Composition/Information on Ingredients

Substance	CAS No	%%W/W
Dimethylammonium Benzoate	2016-57-1	20%
Sodium Citrate	68-04-2	15%
GMS 90%	31566-31-1	10%
Micronized Talc	14807-96-6	15%
Hydrophobic Fumed Silica	67762-90-7	1%
Micronized Calcium Carbonate	7631-86-9	39%

4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical attention if symptoms persist.
- **Skin:** Wash with soap and water.
- **Eyes:** Rinse cautiously with water.
- **Ingestion:** Rinse mouth and seek medical attention.

5. Firefighting Measures

- **Extinguishing Media:** Dry chemical, foam, water spray, CO₂.
- **Hazards:** Thermal decomposition may produce CO₂, CO, and other irritants.
- **Protection:** SCBA recommended.

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6. Accidental Release Measures

- **Personal Precautions:** Avoid dust formation.
- **Environmental Precautions:** Sweep or vacuum using HEPA filter
- **Clean-Up Methods:** Avoid entry into drains

7. Handling and Storage

- **Handling:** Use under dry conditions with good ventilation.
- **Storage:** Store in dry, sealed packaging below 30 °C. Avoid high humidity.

8. Exposure Controls / Personal Protection

Field	Information
Exposure Limits	Nuisance dust limits apply.
PPE	Dust mask, gloves, goggles, protective clothing

9. Physical and Chemical Properties

Property	Value
Appearance	Fine white to light beige powder
Odour	Neutral to mild ammonium-like
Moisture Content	<0.5%
Particle Size	< 20 µm
Bulk Density	~0.42–0.55 g/cm ³

10. Stability and Reactivity

- **Stability:** Stable under recommended conditions.
- **Hazardous Reactions:** Avoid contact with strong oxidizing agents.

11. Toxicological Information

Test	Result
Acute Toxicity	Low acute toxicity
Irritation	Dust may irritate eyes or lungs.
Carcinogenic	Not classified as carcinogenic

12. Ecological Information

Conclusion:

- No known environmental hazards.
- Prevent uncontrolled release.

13. Disposal Considerations

- **Product Waste:** Dispose in accordance with local regulations. Do not release to waterways.

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14. Transport Information

Mode	Remarks
UN Classification	Not regulated as dangerous goods.
ADR/RID/IMDG/IATA	Not regulated.
Transport Precautions	No special precautions required

15. Regulatory Information

- **REACH:** All components comply with applicable regulations.
- **CLP (EC No. 1272/2008):** Not classified
- **Inventories:** No BTA, nitrites, or classified hazards.

16. Other Information – VCIGUARD CR60 MSDS v1.0

- **SDS Version:** 1.0 / 2025
- **Date of Preparation:** August 2025
- **Reason for Issue:** First SDS issued for micronized technical blend

Abbreviations:

CAS – Chemical Abstracts Service

CLP – Classification, Labelling and Packaging

REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals

LD₅₀ – Median Lethal Dose

EC₅₀ – Half Maximal Effective Concentration

Disclaimer:

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.