

## CALCIUM ZINC STABILIZER FOR PVC FOAMING, AND PVC COMPOSITE

### PRODUCTS

Grades	Heating Loss (%)	Thermal Stability	Lubrication
QY-407	≤ 3.0	4+	5+
QY-407A	≤ 3.0	5+	4+
QY-403A	≤ 3.0	4+	5+
QY-403B	≤ 3.0	5+	4+

Appearance: White or yellowish powder

### APPLICATIONS

Designed for PVC Foamed Products and PVC Composite:

- **WPC** – Wood Plastic Composite used in flooring, decking, wall panels, and building materials.
- **SPC** – Stone Plastic Composite used in rigid vinyl flooring
- **LVC** – Luxury Vinyl Tile used in flexible or semi-rigid PVC flooring product made from multiple layers (wear layer, printfilms, PVC core)

Suggested Dosage (PHR): 4.0 – 6.0

### KEY ADVANTAGES

- **Safe & Non-Toxic:** Replaces lead and organotin stabilizers with an environmentally friendly Ca/Zn system.
- **Strong Thermal Stability:** Excellent heat resistance with no sulfur staining.
- **Superior Color Hold:** Better light and weather resistance than lead-based stabilizers.
- **Excellent Processing:** Good dispersion; improved bonding, printing performance, and color brightness/fastness.
- **Mechanical Integrity:** Unique coupling effect helps maintain mechanical properties, reduce physical degradation, and extend equipment service life.
- **Enhanced Foaming Performance:** Supports higher foaming ratios, reduces product density, and lowers overall cost.

鑫泰合化工（广东）有限公司

**SINTAH CHEMICALS (GUANGDONG) COMPANY LIMITED**

工厂地址：广东省河源市东源县仙塘镇蝴蝶岭汇通工业园

总部：广州市黄埔区瑞吉二街 49 号京广协同创新中心 1 栋主楼 13 楼

Factory: Hudieling Industrial Park, Heyuan, Guangdong, China

Headquarters: 13/F, Building 1, Jingguang Collaborative Innovation Center, Guangzhou, China.

[enquiry@sintahchemicals.com](mailto:enquiry@sintahchemicals.com) <https://www.sintahchemicals.com>



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## SAFETY AND COMPLIANCE

Non-toxic formulation meeting the requirements of EU RoHS, PAHs, REACH-SVHC, and other major environmental standards.



### Disclaimer

The property values presented herein are typical values and are not to be interpreted as specification limits. The information in this document is believed to be accurate and reliable as of the date of publication; however, it is provided for general guidance only. This document is intended to support safe handling, use, processing, storage, transportation, and disposal of the product, and does not constitute a warranty or guarantee of any kind—express or implied—including, without limitation, any warranty of merchantability or fitness for a particular purpose. Users are responsible for determining the suitability of the product for their specific applications and for ensuring that its use complies with all applicable safety and legal requirements.

### Regulatory Notes

This product is manufactured in compliance with applicable regional chemical control regulations. Regulatory status may vary by jurisdiction, and users should verify compliance with local requirements prior to use. Certification for specific applications (such as food contact, potable water, medical, or electrical uses) is not implied and must be confirmed separately upon request. Users are responsible for ensuring that the product, its additives, and any processing aids meet all relevant regulatory and end-use obligations.

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