



## H-1473 Water-Based Silicone Defoamer

### Product Description:

H-1473 is a silicone-based waterborne defoamer that offers superior defoaming performance and safety compared to conventional water-based emulsion-type defoamers. It is particularly suitable for acrylic emulsions and PU dispersions and is widely used in water-based clear and color paint formulations.

### Product Features:

1. Excellent system compatibility.
2. Good defoaming and foam suppression performance.
3. Especially suited for acrylic emulsion systems.

### Typical Physical Properties:

Parameter	Value
Appearance	Milky white liquid
Solid Content %	25.00±1.00
Viscosity (25 °C, cps)	1000-3000
Closed Cup Flash Point (°C)	>100
pH Value	6.0-8.0

### Product Applications:

1. Water-based industrial coatings.
2. Water-based printing inks and overprint varnishes.
3. Water-based wood and furniture paints.

### Application Method:

H-1473 can be added during the production of water-based coatings or during the application process. It must be dispersed evenly to avoid defects like shrinkage cavities or fisheyes. The recommended dosage is around 0.1-0.5%.



**Similar Models and Functions:**

Function\Model	1413W	1473	Competitive Product T2
Active Content %	25	25	25
Main Ingredient	Silicone	Silicone	Silicone
Defoaming Ability	★★★★	★★★★	★★★★
Foam Breaking Ability	★★★★	★★★★☆	★★★★☆
Foam Suppression	★★★	★★	★★★
Shrinkage Tendency	☆	★★	☆
Gloss Impact	★	☆	☆
Water/Oil/UV	Y/N/N	Y/N/N	Y/N/N

**Conclusion:**

All three products are stable and safe water-based defoamers. 1413W offers better defoaming performance, while 1473 and Competitive Product T2 are similar in performance, with both being effective in preventing shrinkage.

**Use Restrictions:**

This product has not been tested or certified for use in food, medical, or pharmaceutical applications.

**Storage and Shelf Life:**

Store in a sealed container at room temperature. The product has a shelf life of 12 months from the date of production.

**Transportation:**

Classified as a non-hazardous material and can be transported according to standard chemical transportation guidelines.

**Packaging:**

- **Sample Packaging:** 125ml brown bottle  
**Finished Product Packaging:** 25KG plastic drum

*The above information is provided based on current knowledge of the product and serves as an introduction and usage suggestion for our product. It should not be interpreted as a guarantee of specific characteristics for particular applications. Therefore, we assume no responsibility for this introduction and suggestions, and they do not replace the necessary evaluations and tests users should conduct before using the product.*