



Product Code: 64425

## TROYKYD® D704

High Efficiency Antifoam/Defoamer for Aqueous Systems

### Description

Hydrophobic silica dispersed in mineral oil

### Application & Use

Troykyd® D704 provides excellent bubble breaking and air-release performance over a wide range of applications. The additive is effective in flat through semi-gloss aqueous coatings and can be used as both the process antifoam and application defoamer. Troykyd D704 has excellent persistence over long periods of product storage. Troykyd D704 does not affect the color stability of coating systems.

Typical applications include:

- Aqueous flat, sheen, and semi-gloss deco paints
- Effective in thick coatings such as mastics, roof coatings, and caulks
- Aqueous maintenance and traffic coatings

### Product Highlights

- Excellent antifoam and defoaming properties in deco coatings
- Superior persistence for long-term finished product storage
- Low use levels provide excellent cost-in-use performance
- Does not affect color uniformity of tinted products

### Physical Properties

*The following are typical properties of Troykyd D704; they are not to be considered product specifications.*

Appearance: ..... Opaque, off-white liquid  
Specific gravity, 25°C (Gardner): ..... 0.88  
Viscosity, 25°C (Brookfield, 20 rpm): ..... 1000

### Function/Activity

Troykyd D704 is typically used at levels of 0.2-1.0% based on the total formulation weight. The optimum use level within this range depends upon the severity of the application and composition of the final formulation.

### Formulating Considerations

Troykyd D704 is normally used as delivered. The product can be used as both an antifoam for manufacture, and a let-down defoamer for application air release. Typical formulations would include 1/3 in the grind stage of production and 2/3 in the let-down stage. Troykyd D704 has low water dispersibility so moderate to high shear should be used for complete incorporation. Neat product should be thoroughly mixed prior to use as particle separation will occur during transit and storage.

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## Shipping & Packaging

Troykyd® D704 is packaged in:

Shipping Container	Net Weight
Drum	400 lbs. / 181 kg

## Product Safety & Additional Information

For handling, storage, health, and safety information and disposal procedures, as well as additional information, please refer to the Safety Data Sheet (SDS) and product label.

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