

FoamStab 2840

Defoamer for UV/LED Cured coatings, inks

Overview

Foamstab 2840 is a high-performance defoamer additive specifically designed for use in UV/LED cured resin systems. It effectively prevents and eliminates foam formation during the curing process, ensuring smooth, bubble-free surfaces in UV/LED coatings, inks, and adhesives. Foamstab 2840 is optimized for resin systems that require fast curing under UV or LED light, where foam can significantly impact the appearance and performance of the final product.

The advanced formulation of Foamstab 2840 ensures rapid foam suppression without interfering with the clarity, gloss, or curing speed of the resin. It is highly compatible with a wide range of UV/LED curable resins, including acrylates and epoxy-based systems. This defoamer additive is ideal for use in applications where surface appearance and coating uniformity are critical, such as optical coatings, electronics, and high-performance finishes. Foamstab 2840 delivers consistent results across a variety of industrial applications, making it a reliable choice for foam control in modern UV/LED curing processes.

Product Benefits

1. Effective foam suppression in UV/LED cured resin systems.
2. Ensures smooth, bubble-free surfaces.
3. Maintains clarity, gloss, and appearance in cured products.
4. Compatible with a wide range of UV/LED curable resins, including acrylates and epoxies.
5. Does not interfere with the curing speed or process.
6. Improves surface uniformity and finish quality.
7. Ideal for high-performance applications such as optical coatings and electronics.
8. Enhances overall product quality by reducing surface defects.
9. Easy to incorporate into various formulations.
10. Consistent defoaming performance in demanding industrial applications.

Specifications

Active ingredient90%
Flash point>100°C
AppearanceSlight Hazy liquid

Packaging

25 Kg Plastic Pail
220 Kg Barrel
1100 Kg IBC Totes

Usage level

Foamstab 2840 is typically used at a dosage level of 0.1% to 0.5% by weight of the total formulation, depending on the specific foam control requirements. It is recommended to start at the lower end of this range and gradually increase the concentration based on performance testing in the individual resin system.



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