

PRODUCT DATA



SperseStab™-4003 UV Stabilizer

INTERSPERSAL

UV Absorber / Light Stabilizer

Overview

Introducing a new and highly effective UV and thermal stabilizer exclusively for candles. In addition to providing unique benefits, the SperseStab-4003 represents an economical alternative to competitive UV systems. Further, the SperseStab 4003 has been formulated to have a minimal impact on burn compared to UV stabilizer systems.

Chemistry

| | |
|---------------------|-------------|
| Chemical Name: | Proprietary |
| CAS Number: | Proprietary |
| Chemical Structure: | Proprietary |

Typical Properties

| | |
|----------------|--------------------|
| Product Form: | Powder |
| Melting Range: | 80°C |
| Viscosity | 380 cSt @25 C |
| Color: | White to off white |

Applications

SperseStab-4003 is an economical UV system designed exclusively for candles. It offers excellent compatibility with dyes and fragrances and works in both paraffin and soy-based waxes providing protection from both UV and thermal degradation. Loading levels can be decreased in some cases by almost 50% compared to competitive formulations.

Use

The recommended usage level is between 0.05% and 0.2% by weight, depending on base wax, fragrance and dye used. The appropriate use level must be determined by testing in the user's system.

Advantages

- Works with white candles as well as colors .
- improved UV performance vs. competitive material on the order of 15% to 100% improvement in color stability depending on polymer type and conditions.
- economical alternative

Storage

This product may be stored up to two years in a sealed container. Containers should be kept tightly closed when not in use and stored in a cool, dry place.

Safety

Please consult the Safety Data Sheet (SDS) prior to handling or using this product.

FDA Regulations

SperseStab 4003 has not been cleared by the FDA for use in food contact applications..

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