

OXYMELT A-4 DEGASSING AGENT FOR POWDER COATINGS

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THE EDGE OF INNOVATION

GENERAL DESCRIPTION

Oxymelt A-4 is capable of both reducing the melt viscosity of powder coating formulations and eliminating surface defects, especially pinholes, without affecting the applied film color. The additive is noted primarily for its degassing capability in powder coatings cured in electric ovens.

Oxymelt A-4 can replace part or all of the benzoin in a powder coating formulation, and is non-yellowing, non-fuming and imparts superior anti-gassing properties. For best results, the product should be used at a concentration of 0.5-4.0%. Oxymelt A-4 can be formulated into powder coating systems such as hybrids and polyester-TGIC for high bake cycles. It is also suitable for epoxies, polyester-HAA, polyurethanes, and acrylics. The material facilitates the release of gases and vapors from powder coatings during the curing process, thereby allowing the formation of pinhole free films.

Oxymelt A-4 is provided as free-flowing granules, which are convenient in handling, easy to disperse, and reliable in performance. For each new formulation, an individual laboratory test is required to determine the optimum concentration of the additive.

TYPICAL PROPERTIES*

| | |
|------------------------------|------------------------|
| Appearance | Clear to Hazy Granules |
| Softening Point, RING & BALL | 90 - 100°C |
| Gardner Color | 3 max |
| % Non Volatile | 99.0% minimum |

* Not to be used for specification purposes

REGULATORY LISTINGS

The components in this material are either listed or exempt from listing due to polymer exemption criteria for the following chemical listing inventories: AICS (Australia), DSL (Canada), ECL (Korea), EINECS (Europe), ENCS (Japan), IECSC (China), NZIoC (New Zealand), PICCS (Philippines), SWISS (Switzerland), TSCA (USA).

Oxymelt A-4 will comply with FDA 21CFR175.300 (b) (3) (viii) (a) for food contact when properly formulated and cured. The finished coating must meet the extractive requirements of 21CFR175.300. The extractive compliance aspect is the responsibility of the manufacturer or user of the finished coating.

PACKAGING (NET WEIGHT)

100 lb. / 45.4 kg in fiber drum with polyolefin liner

PRODUCT AVAILABILITY

This product is commercially available and may require lead time.

STORAGE AND HANDLING

Store in a dry, cool area and avoid excessive heat. Shelf life of unopened containers is one year from date of shipment. See SDS for additional information.

CONTACT INFORMATION

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