

**OXYMELT A-2
DEGASSING AGENT
FOR POWDER COATINGS**

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THE EDGE OF INNOVATION

GENERAL DESCRIPTION

Oxymelt A-2 is an additive capable of both reducing the melt viscosity of powder coating formulations and eliminating pinholes without affecting the applied film color. Oxymelt A-2 is noted primarily for its degassing capability in powder coatings cured in gas ovens. This degassing agent is well suited for polyester-HAA and polyurethane systems that emit volatiles during cure, and it is also appropriate for other traditional powder coating systems such as polyester-TGIC, hybrids, acrylics and epoxies.

Oxymelt A-2 is a free-flowing powder which is 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 for the additive. Typical dosages of Oxymelt A-2 are from 0.5 – 1.5% based on formulation weight. Oxymelt A-2 can be used as the sole degassing additive or in combination with benzoin.

As with any silica supported additive, Oxymelt A-2 should be thoroughly evaluated to determine the best processing method and the optimum concentration of the additive, suitability for the application, as well as to test compatibility and recoat adhesion.

TYPICAL PROPERTIES*

Appearance	White Powder
Specific Gravity (25/25)	1.25 – 1.30
Activity, weight %	67 – 69%
Non-Volatile, weight %	97.5% 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), IECSC (China), TSCA (USA)

PACKAGING (NET WEIGHT)

200 lb. / 90.7 kg in fiber drum with polyolefin liner
44 lb. / 20.0 kg in fiberboard box with polyolefin liner

PRODUCT AVAILABILITY

This product is commercially available and may require lead time.

STORAGE AND HANDLING

Keep container tightly closed and store in a dry, well ventilated area away from heat and sources of ignition. Shelf life of unopened containers is one year from date of shipment. See SDS for additional information.

CONTACT INFORMATION

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TDS Revised by: G. Pearson

TDS Approved by: R. Auerbach