

**BENZOIN  
DEGASSING AGENT  
FOR POWDER COATINGS**

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THE EDGE OF INNOVATION

**SYNONYM**

2-hydroxy-2-phenylacetophenone (CAS #119-53-9)

**GENERAL DESCRIPTION**

Benzoin is a well established and reliable degassing agent for powder coatings. During the curing of a powder coating film, the benzoin melts and chemically scavenges oxygen and promotes dissolution of gases into the resin to minimize bubble formation in the coating film.

Surface defects such as pinholes and other imperfections can be reduced or eliminated by incorporating 0.3 – 1.5% of benzoin into the powder coating formulation along with the other raw materials. As with any raw material, laboratory evaluation is required for each formulation to determine the best processing method and the optimum concentration of the additive.

**TYPICAL PROPERTIES\***

Appearance	Off-White Powder
Non-Volatile, weight %	99.0% minimum
Melting Point Range	133 - 140°C

\* 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), PICCS (Philippines), NZIoC (New Zealand), SWISS (Switzerland), TSCA (USA)

**PACKAGING (NET WEIGHT)**

220 lb. / 99.8 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 detailed information.

**CONTACT INFORMATION**

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TDS Revised by: G. Pearson

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