

SBS-1215 WAX SLIP AND FLATTING AGENT FOR POWDER COATINGS

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THE EDGE OF INNOVATION

GENERAL DESCRIPTION

SBS-1215 Wax is a special polyolefin-PTFE composition used in powder coatings to provide exceptional scratch, abrasion, mar and water resistance. This product imparts slip, lowers gloss and can be used in a wide array of binders such as polyesters, hybrids, polyurethanes and epoxies.

Dosages of 0.5-1% are used to achieve optimal slip properties and mar resistance. At concentrations of 1.5 - 6%, substantial reduction of 60° gloss to approximately 40-50% can be realized. SBS-1215 is easily incorporated at the premix stage and homogenizes with the other raw materials during extrusion. 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	White Powder, Finely Ground
Specific Gravity (25/25)	1.00 – 1.05
Melting Point (DSC)	104-112°C
Particle size, weight % Through No. 18 Sieve, Tyler 16 mesh 1 mm aperture	95.0% 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), TCSI (Taiwan), EINECS (Europe), ENCS (Japan), IECSC (China), NZIoC (New Zealand), PICCS (Philippines), SWISS (Switzerland), TSCA (USA).

SBS-1215 is compliant with 21 CFR 175.300. The finished coating must meet the extractive requirements of 21 CFR 175.300. This aspect of compliance is the responsibility of the manufacturer or user of the finished coating.

PACKAGING (NET WEIGHT)

225 lb. / 102.1 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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