

Orco Synthrowite GWS2 Powder Sub

Orco Synthrowite GWS2 Powder Sub is an optical brightener of the coumarin class used primarily in binders, varnishes and ink formulations with some application in detergents using co-solvents. The product absorbs at 380 nm UV light to emit a blue-violet fluorescence between 400 nm and 500 nm in the visible spectrum.

The product will compensate for the yellow cast of various binder substrates even when added in small amounts. The finished article is whiter, brighter and brilliant with a market improvement in tone.

Physical Properties

| | |
|-------------------|--|
| Appearance | Off-white powder, yellow hue |
| Class | Coumarin derivative |
| Solubility | Insoluble in water; greater than 25g/100 mL in solvents that include acetone, ethyl acetate, toluene and xylene; very slight solubility in alcohols, aromatics, and alkanes. |

Applications

Recommended use levels are between 0.01% to 0.1% to binder solids.

Other applied uses should be thoroughly investigated according to specific conditions of use.

As with all optical brighteners, Orco Synthrowite GWS2 Powder Sub is sensitive to ultraviolet radiation. If lightfastness is an issue, preliminary testing is advisable.

Storage and Handling

Store in the original closed container in a dry cool place. Avoid dust formation. Orco Synthrowite GWS2 Powder Sub is not classified as hazardous according to international transport regulations. Do not breathe dust and avoid contact with skin, eyes and mucous membranes. In case of contact, wash immediately with plenty of water. Consult the SDS for further information.

Disclaimer

Information contained in this technical data sheet is up-to-date and correct to the best of Organic Dyes & Pigments' knowledge at the date of issue and are subject to change. As Organic Dyes & Pigments LLC cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. Organic Dyes & Pigments will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given.

Released: 04/25/2018 DXW