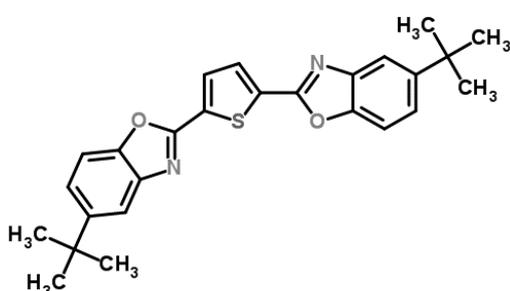


### Product Data Sheet

#### General Information

Omnistab OB is a fluorescent whitening agent for plastic, paint, ink and photographic paper. It is efficient and stable at high temperatures.

#### Chemical Data



**Chemical Name:** 2,5-thiophenediylbis (5-tert-butyl-1,3-benzoxazole)  
**Molecular weight:** 430.56 g/mol  
**CAS No:** 7128-64-5

#### Specification

<b>Appearance</b>	<b>Visual</b>	<b>Pale yellow powder</b>
<b>Purity</b>		<b>≥ 99.0 %</b>
<b>Melting range</b>	<b>Melting Point apparatus</b>	<b>200 - 205 °C</b>
<b>Volatiles</b>	<b>Loss on Drying</b>	<b>≤ 0.5 %</b>
<b>Ash Content</b>	<b>Residual on ignition</b>	<b>≤ 0.5 %</b>
<b>Transmittance @ 425 nm</b>		<b>≥ 97.0 %</b>
<b>Transmittance @ 500 nm</b>		<b>≥ 98.0 %</b>
<b>Clarity of solution</b>	<b>Solution in xylene</b>	<b>Clear</b>

#### Application

Omnistab OB is recommended for use in paper, white and paste paints, clear coats, over print varnishes, primers, topcoats, blue and black printing inks, packaging inks and film base for photographic paper.

Formulated product properties will depend on the actual reactive monomers, oligomers and additives utilized.

## Features & Benefits

Omnistab OB has brilliant bluish whitening effects, excellent heat resistance, high chemical stability and also good compatibility in a wide range of resins.

## Recommended Addition levels

Addition levels for clear coats and over print varnishes of 0.02 - 0.1% by weight of total formulation is recommended. Similarly, addition levels by weight % on pigment weight of 0.5 - 5.0% for white and pastel paints and 2.0 - 4.0% for primers and topcoats is recommended.

## Storage & Handling

Storage must be in a cool, shaded, well ventilated and dry area away from direct sources of heat and sunlight.

Subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 24 months.

Omnistab OB should be handled in accordance with good industrial practice. Further information is provided in the material safety data sheet which is available on request.

## Regulatory Status

All information can be found on MSDS (Material safety data sheet) and RIS (Regulatory Information Sheet) available upon request.

## Packaging

Omnistab OB is available in 25Kg carton.

### Disclaimer:

The information presented in this data sheet is given in good faith and is based on the material available to us at the time of writing. The information is not to be taken as a warranty or representation for which we assume legal responsibility, nor as permission or recommendation to practice any patented invention without a license. It is offered solely for consideration, investigation and verification.

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