

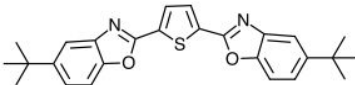
## SPERSEBRIGHT OB

OB is an optical brightener used to increase the whiteness and brightness of plastics and synthetic fibers. It can be used in applications including PVC, polyethylene, polypropylene, polyurethane, adhesives and sealants. It can also be used for registry marks and quality control for label fill applications.

### Performance benefits

- Bluish-white fluorescence compensates for yellowing in plastics and synthetic fibers
- Low volatility and excellent thermal stability
- FDA cleared for use in all polymers (refer to 21 CFR §178.3297)

### Chemistry and typical properties

Chemical name	2,5-Thiophenediylbis(5-tert-butyl-1,3-benzoxazole)
Synonym	Fluorescent brightener 184
CAS No.	7128-64-5
Chemical structure	

Appearance	light green to yellow crystalline powder
Melting range	192-208°C
Specific gravity	1.26

### Applications

- Rigid and Plasticized PVC
- Styrenic Polymers and adhesives
- Unsaturated Polyester
- Polyurethanes

### Guidelines for use

Plastic and fiber applications: 50 to 1000 ppm

Polyurethane Foam: 1000 to 2500 ppm

Due to the high melting temperature, take care to ensure complete dispersion in the substrate.

Contact us for a custom recommendation for your application.

### Storage, health, and safety

Consult the safety data sheet (SDS) for conditions for safe storage and other important health and safety information. Review the SDS prior to handling or using this product.

### Important notice

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.