

## SperseStab™-3290 UV Stabilizer

INTERSPERSAL

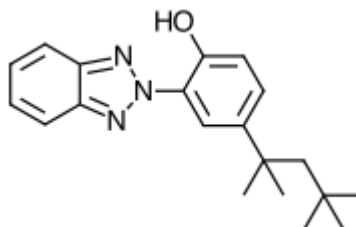
### UV Absorber / Light Stabilizer

#### Overview

SperseStab-3290 is a benzotriazole UV absorber, for use in various polymers including Polycarbonate, PVC, Styrenics, unsaturated polyesters, acrylics and candle wax. Offering excellent initial color SperseStab 3290 is ideal for clears, white and light color applications that do not want to impart an initial Yi.

#### Chemistry

Chemical Name: Phenol, 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)-  
 CAS Number: 3147-75-9  
 Chemical Structure:



#### Typical Properties

Product Form: Solid  
 Melting Range: 102 – 106°C  
 Molecular Weight: 323.4 g/mol

#### Solubility (percent by weight, 20°C)

Acetone	9	n-Hexane	6
Benzene	32	Methanol	0.6
Chloroform	37	Methylene chloride	38
Cyclohexane	15	Water	<0.01
Ethyl acetate	15		

#### Applications

SperseStab 3290 is used in the light stabilization of plastics, including polyesters, rigid and flexible PVC (depending on thermal stabilizer system), styrenic polymers, acrylics and polycarbonates. End use applications vary and can include molded items, extruded sheets, glazing materials for window lighting and signage.

**Guidelines for Use**

The product is recommended to use between 0.1% and 0.5% in plastics, and between 0.5% and 3% in polyester gel coats and other coating systems. Combinations with HALS are particularly advantages as well as combinations with other UV Absorbers, antioxidants and benzoate stabilizers. Formulations are dependent on the substrate, performance requirements, co-stabilizers and other factors. Please contact Interspersal Inc. for specific recommendations.

**Storage**

This product may be stored up to two years in a sealed container. Containers should be kept tightly closed when not in use and stored in a cool, dry place.

**Safety**

Please consult the Safety Data Sheet (SDS) prior to handling or using this product.

**FDA Regulations**

SperseStab-3290 has been cleared for use in polycarbonate resins under 21 CFR §178.2010. Please contact your Interspersal representative for complete details, including restrictions of use.

**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.

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