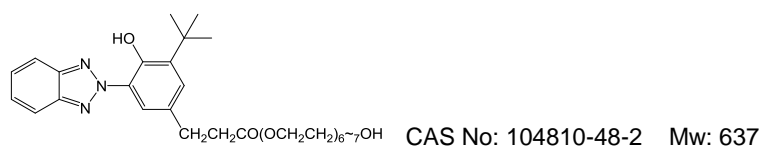


SONGSORB[®] CS 1130

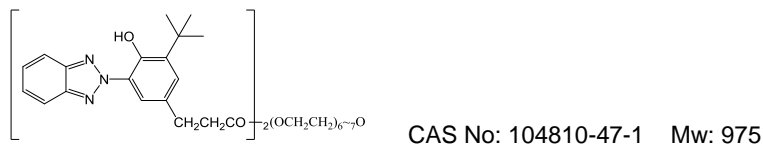
Components

Mixture of α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)-1-oxopropyl- ω -hydroxy poly(oxyethylene) and α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)-1-oxopropyl- ω -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)-1-oxopropoxy poly(oxyethylene) and Polyethyleneglycol

1) α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)-1-oxopropyl- ω -hydroxy poly(oxyethylene)



2) α -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)-1-oxopropyl- ω -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)-1-oxopropoxy poly(oxyethylene)



3) Polyethyleneglycol

H—(OCH₂CH₂)_{6~7}OH CAS No: 25322-68-3 Mw: 300

Properties

Clarity	Clear
Color of solution: 460nm (%)	Min. 95.0
Color of solution: 500nm (%)	Min. 97.0
Assay (%)	Min. 80.0
Ash (%)	Max. 0.10

Photo



Technical Information

Characteristics & Usages

SONGSORB® CS 1130 is a liquid UV absorber of the benzotriazole type for high performance coating, adhesive and sealant applications. Its major features and applications are:

- Can be incorporated into water borne systems or diluted with most common solvents.
- Can be used in industrial and automotive coatings because of high temperature and extraction resistance.
- Can provide efficient protection to light sensitive wood and plastics because of broad UV absorption.
- Can be used in clear coats, base coats and top coats. Ideal for Automotive coatings and industrial coatings.
- Can be used in combination with phenolic antioxidants and HALS to optimize performance of sealants based on silane modified polymers (SMP).
- Synergistic effects with HALS (like SONGSORB® CS 292) and Antioxidants (like SONGNOX® CS 1010) impart protection against gloss reduction, cracking, blistering, delamination and color change.

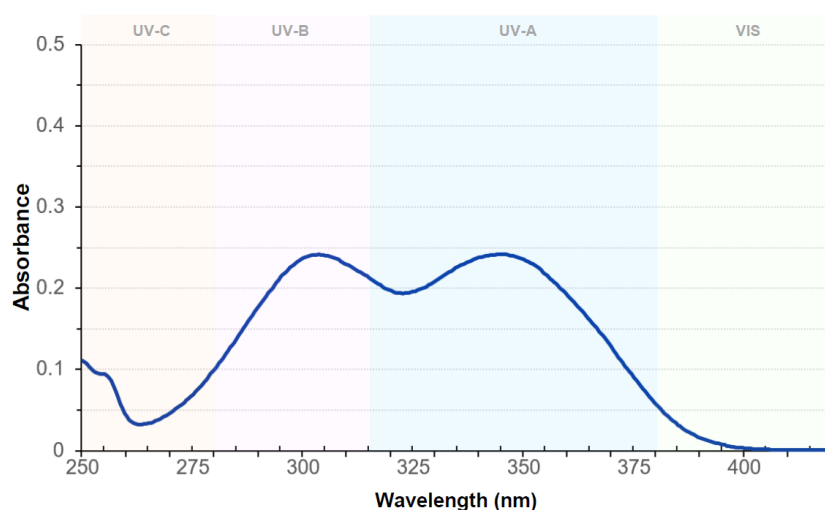
Solubility

(g/100g at 25°C)

N-butanol	0.1	Solvesso 150	> 50
N-Butyl acetate	> 50	Distilled water	< 0.05
MIBK	> 50	Xylene	> 50
Butyl cellosolve	> 50	Toluene	> 50
Solvesso 100	> 50	N-Hexane	< 0.1

Absorption Spectrum

(10 mg/l, Chloroform)



Recommended dosage

1.0 - 3.0% of SONGSORB® CS 1130
0.5 - 2.0% of HALS

Physical Form

LQ (Liquid)

Packaging unit

20kg Plastic Drum and 200kg Steel Drum

Safety

Store product in properly sealed original packaging in a dry, cool place and away from direct sunlight. Maintain standard industrial hygiene practices and consult our Safety Data Sheet (SDS) before use.

SONGWON provides customers with warranties and representations as to the chemical or technical specifications, compositions and/or the suitability for use for any particular purpose exclusively in individual written agreements. The facts and figures contained herein have been carefully compiled to the best of SONGWON's knowledge but are essentially intended for informational purposes only. SONGWON Industrial Group does not accept any liability whatsoever for any information, reference or advice provided in this document or any similar SONGWON publication.