

TECHNICAL DATA SHEET

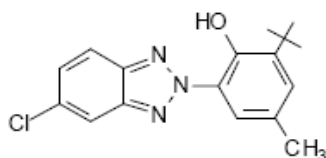
RUNUV[®] 5524 Light stabilizer

INTRODUCTION

CAS Number: 3896-11-5

Chemical Name: 2-tert-butyl-6-(5-chloro-2-h-benzotriazol-2-yl)-4-methylphenol

Structure:



RUNUV[®] 5524 is a light stabilizer recommended for applications that demand low volatility and minimal migration due to its high molecular weight and oligomeric structure.

PERFORMANCE BENEFITS

RUNUV[®] 5524 is characterized by:

- Extraordinary UV stabilization efficiency
- Low color and volatility
- Sanctioned for use in polyolefin's by FDA

SUGGESTED APPLICATIONS

RUNUV[®] 5524 is an important ultraviolet absorber of benzotriazole series, which is stable, nontoxic, higher absorbency for ultraviolet ray. It is suitable for polyolefin (especially foodstuffs), polyamide, polyester, PMMA and polyurethane. It is widely used for photosensitive materials, coating and so on.

HEALTH AND SAFETY

May cause long-lasting harmful effects to aquatic life. Avoid release to the environment.

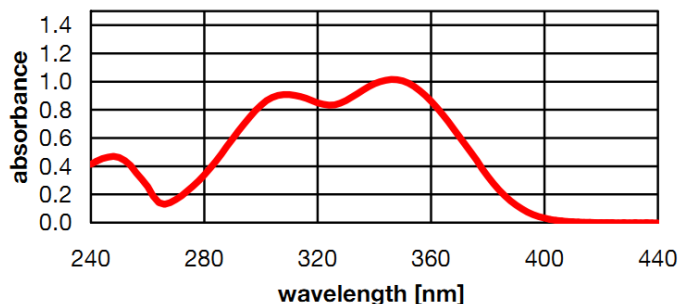
Refer to Section 11 of the Material Safety Data Sheet (MSDS) for toxicology information on the regulated components of this product.

TYPICAL PROPERTIES

TYPICAL PROPERTIES	VALUE
Color	Slightly yellow
Appearance	powder
Melting Point	138-141°C
Ash Content	≤ 0.1%
Volatile Content	≤ 0.5%
TGA(10%)	240 °C
Transmittance	460nm≥96%, 500nm≥98%

Solubility (20°C)	g/100 g solution
Acetone	1
Chloroform	11
Ethyl acetate	2
n-Hexane	1
Methanol	0.1
Methylene Chloride	9
Toluene	> 50

absorbance spectrum 0.2 g/l in acetonitrile, d = 1 mm



STORAGE AND HANDLING

Breathing must be protected when large quantities are decanted without local exhaust ventilation. Keep container tightly closed and dry; store in a cool place.

Shipping Container:

20kg carton box (inner with PE bag) or according to customer's request.