

PowerStab™ 152 Light Stabilizer

Introduction

PowerStab™ 152 is a high performance, low volatile hindered amine light stabilizer. It minimizes paint degradation that could otherwise lead to cracking & gloss loss in clear coats and also chalking in pigmented paints.

Chemical Name

2-Aminoethanol reaction products with cyclohexane and peroxidized N-butyl-2,2,6,6-tetramethyl-4-piperidinamine-2,4,6-trichloro-1,3,5-triazine reaction products

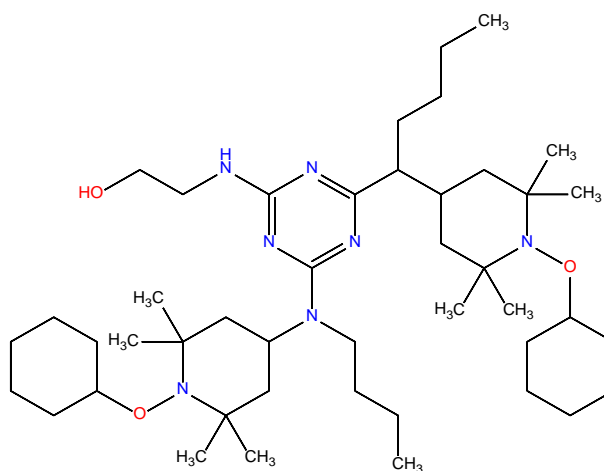
CAS Number

191743-75-6

EINECS Number

426-650-9

Chemical Structure



Molecular Weight

756.6

Physical Properties

Appearance	Off white powder
Piperidine Eq. weight	378.3
pK _b	7.0, 9.4
Melting Point [°C]	83 – 90
Specific Gravity [25°C]	not determined

Solubility

Solubility [20°C]	% w/w
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Water	< 0.01
Methyl amyl ketone	75
Methyl iso-amyl ketone	65
n-Butyl acetate	70
Ethyl acetate	75
Xylene	70
n-Methyl pyrrolidone	60
1-methoxy 2-propyl acetate 60 isobutanol	60
4-chlorobenzotrifluoride	60

Benefits & Applications

PowerStab™ 152 can co-condense with many coating chemistries, such as melamine and isocyanate crosslinkers, anchoring it into the coating thereby preventing migration.

PowerStab™ 152 is suitable for use in acid catalyzed systems and in coatings using acidic pigments.

PowerStab™ 152 can be used in plastic coatings, industrial/ decorative paints, varnishes, automotive and coil coatings.

PowerStab™ 152 offers improved coating durability and exhibits very low volatility.

The recommended usage of PowerStab™ 152 is 1-2%.

Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to three years in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

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For more detailed information please refer to the material safety data sheet.

Packing

PowerStab™ 152 is supplied in 20Kg Paper Bag, 20Kg PE Bag, 25Kg Carton Box, 50Kg Fiber Drum.

Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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