

## PowerNox™ 2500 Antioxidant

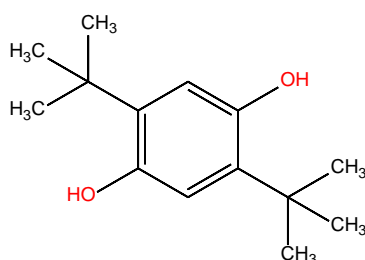
**Introduction** PowerNox™2500 is an excellent performing stabilizer based on sterically hindered dihydroxybenzene.

**Chemical Name** 2,5-Di-tert-amylhydroquinone

**CAS Number** 79-74-3

**EINECS Number** 201-222-2

**Chemical Structure**



**Chemical Formula** C<sub>16</sub>H<sub>26</sub>O<sub>2</sub>

**Molecular Weight** 250

**Physical Properties**

Appearance	White Powder
Melting Point (°C)	177-179
Flash Point [20°C]	280
Specific Gravity [25°C]	1.05
Volatility [80°C, 2h]	Max.0.5
Ash (°C)	Max.0.1

## PowerNox™ 2500 Antioxidant

### Solubility

Solubility [20°C]	% w/w
Acetone	72
Diethylether	130
Ethanol	68
Toluene	3
Water	<0.01

### Benefits & Applications

PowerNox™2500 is particularly useful for stabilizing acrylonitrile-based polymers.

PowerNox™2500 is non-staining and non-discoloring antioxidant recommended for use in unvulcanized rubber adhesives, tapes and films.

PowerNox™2500 offers strong defense against oxygen and sun-induced wear. Ideal uses include hot melt adhesives, unhardened rubber glues, adhesive layers in tapes, and polymer stabilization.

### 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 four 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.

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

### Packing

PowerNox™2500 is supplied in 20Kg Paper Bag, 20Kg PE Bag, 25Kg Carton Box, and 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.



## **PowerNox™ 2500 Antioxidant**

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We disclaim liability for any incidental or consequential damages.