

# CYANOX<sup>®</sup> 2246<sup>®</sup> antioxidant

## TYPICAL PROPERTIES

Chemical Formula	C <sub>23</sub> H <sub>32</sub> O <sub>2</sub>
Molecular Weight	340.5
Specific Gravity	1.08

## SPECIFICATIONS

Description	Pale cream to white crystalline powder
Melting Point, °C	120-132
Moisture, %	0.5 max
Ash, %	0.25 max
Screen Test, %	99.5 min

## PERFORMANCE BENEFITS

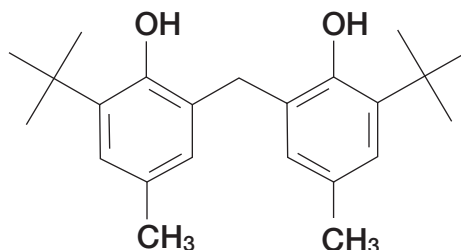
- Effective stabilization of ABS and polyolefins
- Good compatibility
- FDA Sanctioned

## HEALTH AND SAFETY

### EFFECTS OF OVEREXPOSURE:

Acute oral (rat) and acute dermal (rabbit) LD50 values are >10.0 g/kg. The 4-hour LC50 (rat) value is estimated to be greater than 20 mg/L. No eye irritation and no skin irritation were produced during primary irritation studies with rabbits. When tested in the human insult patch test, weak sensitization was seen in 1 out of 50 male subjects. Direct contact with this material may cause minimal eye and skin irritation.

Before handling this material, read the corresponding Cytec Industries Inc. Material Safety Data Sheet (MSDS) for safety, health, and environmental data.



2,2'-Methylenebis(4-methyl-6-tert-butylphenol)

CAS NUMBER 000119-47-1

## FDA STATUS

CYANOX 2246 antioxidant is listed in Section 175.105 of the Food Additives Regulations as a component of food-packaging adhesives and in Section 177.2600 as a component of rubber articles intended for repeated use in contact with food. Total antioxidant not to exceed 5% by weight of rubber product.

CYANOX 2246 antioxidant is also sanctioned per Section 178.2010 of the Food Additives Regulations, for use in olefin polymers, at levels not to exceed 0.1 percent by weight of the finished product, contacting foods of high water content, alcoholic beverages, and moist and dry solids containing no free fat or oil on the surface.

### Shipping Classification:

Rubber Preservative NOI

### Shipping Container:

50 lb bag

### Storage Stability:

On standing a tan tint may develop which in no way affects the antioxidant properties or the color of the final stock.

## **CYTEC INDUSTRIES INC.**

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