

# FLEXAMINE™ Granules stabilizer

## Antioxidant

### Description

**FLEXAMINE™ Granules stabilizer** is used in heavy service truck treads and carcass compounds to combat the degrading effects of heat and mechanical flexing. Also, for natural rubber wire insulation, linesmen's blankets, gloves or other products that come in contact with copper or manganese.

### Product Features

- A super aging antioxidant that protects natural and synthetic rubbers against deterioration from oxygen, heat and flexing fatigue
- High Efficiency antioxidant for long term heat aging protection of black filled Polyamide in contact with gasoline or oil
- Protects against copper or manganese initiated deterioration

### Chemical Structure

Blend of diarylamine-ketone reaction product (65%) and N,N'-diphenyl-p-phenylenediamine (35%)

### Typical physical properties of FLEXAMINE™ Granules stabilizer

Appearance	Brown to dark brown granules
Specific Gravity	1.17
Melting Range	87 °C (188 °F)

### Solubility

Soluble	Insoluble
Acetone	Gasoline
Benzene	Water
Ethylene Dichloride	

### Discoloration

Causes dark brown discoloration in vulcanizates exposed to light. Migrates during cure. Contact stains light colored compounds.

**Handling Precautions**

Repeated, minimal contact with skin can cause sensitization. Contact with eyes and skin should be avoided. Observe good personal hygiene.

**Storage and Handling**

Store the product in a cool, dry, well-ventilated area away from any direct sources of heat and light. Proper storage will permit usage of the product for up to 3 years.

**Regulatory Status**

For details please contact SI Group Regulatory Affairs

**For additional handling and toxicological information consult the SI Group Material Safety Data Sheet.**