



## SOVEREIGN CHEMICAL COMPANY

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# Oxoflex® BL - 75 Powder

<b>Manufacturer:</b>	Sovereign Chemical Company
<b>Classification:</b>	Antioxidant
<b>Chemical Composition:</b>	Proprietary
<b>CA Nomenclature:</b>	Acetone-Diphenylamine Condensation Product

### Physical Data

<b>Specification Properties</b>	<b>Value</b>	<b>Test Method</b>
Assay	73-77%	HPLC
Acetone Insolubles	23-27 %	Typical
<b>Typical Properties:</b>		
Physical Form	Brown powder	Typical
Specific Gravity	1.30 – 1.38	Typical
Heat Loss	4.0 % maximum	ASTM D4571

### Applications

**Uses:** Oxoflex® BL – 75 is an excellent general purpose staining antioxidant. It confers very good heat resistance and good flex cracking resistance. Will not alter cure characteristics. It is specially suited for Tires, belting and a wide range of mechanical rubber goods.

**Polymers:** Effective in BR, SBR, NR, IR, butyl, halobutyl, CR. Disperses in latex systems.

**Staining:** Staining and discoloring. Recommended for black compounds only.

**Cure Effect:** No effect on the cure system. Dose 1 – 2 phr

### FDA Regulations

21 CFR 177.2600 Rubber articles intended for repeated use. (Total not to exceed 5% by weight of rubber product).

### Packaging and Storage

**Packaging:** 25.0 kg (55.1 lb.) kraft paper bags.

**Shelf Life:** 2 years if stored as indicated below.

**Storage:** Store in a cool dry place in the original unopened packages.

Specification Date: July 12, 2006 (Supersedes: January 5, 2006)