

## Product Specification

### **VUL-CUP® R Organic Peroxide** Vulcanizing Agent and Crosslinking Agent

**VUL-CUP® R** organic peroxide is highly efficient, scorch resistant, low odor peroxide with broad utility as a vulcanizing agent for elastomers and plastics. The scorch resistance of **Vul-Cup®** makes it particularly interesting for transfer, injection, and rotational molding applications. Compounds containing **Vul-Cup®** may be extruded at higher rates because of the higher decomposition temperatures. Exothermic decomposition begins at approximately 194°F (90°C) and full decomposition occurs within minutes above 362°F (183°C).

**Vul-Cup® R** is a highly active bisperoxide. It is a mixture of the *para* and *meta* isomers of an, *a, a'*-bis (tert-butylperoxy)-diisopropylbenzene. **Vul-Cup® R** is a tan to yellow white, semi-crystalline solid.

#### General Sales Specifications

Test Methods are available on request

Assay, Peroxide Content, %	96.0 minimum
Flash point, Seta-CC, °F (°C)	168 minimum
Appearance	Free of foreign material

#### Typical Properties

Specific gravity at 25/25°C	0.95
Melting point, °F (°C)	95 - 113 (32 - 45)
Flash point, °F (°C)	200 (93)
Vapor pressure at 20°C, mm Hg	1.6

MARKETED BY  
**HARWICK STANDARD  
DISTRIBUTION CORPORATION**  
60 S. Seiberling Street • Akron, Ohio 44305

5/2009