

## *Product Specification*

### **VUL-CUP® 40KE Organic Peroxide** **Vulcanizing Agent and Crosslinking Agent**

**VUL-CUP® 40KE** 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® 40KE** is a free flowing, off white powder that consists of approximately 40% active bisperoxide supported on Burgess KE Clay. Vul-Cup® is a mixture of the *para* and *meta* isomers of an *a, a'*-bis(tert-butylperoxy)-diisopropylbenzene.

#### General Sales Specifications

Assay, Peroxide Content, %	39.5 - 41.5
Appearance	Free of foreign material

#### Typical Properties

Specific gravity at 25/25°C	1.5
Bulk density (lbs/cu. ft.)	25
Melting point, °F (°C)(a)	88 - 102 (32 - 38)
(a) For the Vul-Cup only	

MARKETED BY  
**HARWICK STANDARD  
DISTRIBUTION CORPORATION**

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