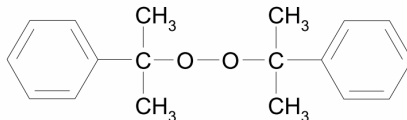




3770 Embassy Parkway Akron, Ohio 44333  
330-535-2100 ♦ 800-321-2260 ♦ Fax 330-535-8947

## RUBBER CHEMICALS -PEROXIDES-



### AKROCHEM® DC-40S

#### PRODUCT DESCRIPTION:

AKROCHEM® DC-40S is a 40% active dicumyl peroxide paste formulation in silicone oil.

#### TYPICAL PROPERTIES:

Color .....	white paste
Density, g/cm <sup>3</sup> .....	1.050
SADT* .....	90°C

\*(Self-Accelerating Decomposition Temperature)

#### APPLICATIONS:

AKROCHEM® DC-40S is a mono-functional peroxide which is mainly used for cross-linking of silicone rubber. To obtain a suitable degree of cross-linking in silicone polymers the level of dosages range from 0.75 to 1.5 phr.

This peroxide can easily be incorporated into a silicone rubber compound on a 2-roll mill. Safe processing temperature is around 130°C (rheometer ts<sub>2</sub> > 20 minutes). Typical cross-linking temperature is 170°C (rheometer t<sub>90</sub> about 12 minutes).

**PACKAGING:** 44.1 lb. pail

#### SAFE STORAGE AND HANDLING:

Please refer to the Material Safety Data Sheet (MSDS) for information on the safe storage, use and handling of AKROCHEM® DC-40S.

sjd – 1/27, Akrochem DC-40S

Included with its product literature and upon the request of its customers, Akrochem provides product specifications and evaluations, suggested formulations and recommendations and other technical assistance, both orally and in writing (collectively the "Technical Information"). Although Akrochem believes all Technical Information to be true and correct, it makes no warranty, either express or implied, as to the accuracy, completeness, or fitness of the Technical Information for any intended use, or the results which may be obtained by any person using the Technical Information. Akrochem will not be liable for any cost, loss or damage, in tort, contract or otherwise, arising from customer's use of Akrochem products or Technical Information. It is the customer's sole responsibility to test the products and any Technical Information provided to determine whether they are suitable for the customer's needs. Before working with any product, the

customer must read and become familiar with available information concerning its hazards, proper use, storage and handling, including all health, safety, and hygiene precautions recommended by the manufacturer. Nothing in the Technical Information is intended to be a recommendation to use any product, method, or process in violation of any intellectual property rights governing such product, method, or process. No license is implied or granted by Akrochem as to any such product, method, or process. AKROCHEM CORPORATION DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE, RELATED TO ANY PRODUCTS OR TECHNICAL INFORMATION PROVIDED BY AKROCHEM.