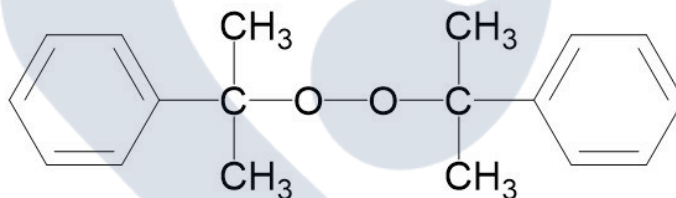


## Perkadox BC-40S-PS

Dicumyl peroxide



Perkadox® BC-40S-PS is a 40% formulation in paste form.

CAS number  
80-43-3

EINECS/ELINCS No.  
201-279-3

TSCA status  
listed on inventory

Molecular weight  
270.4

Active oxygen content  
peroxide  
5.92%

Concentration  
2.31-2.43%

### Specifications

Appearance

White paste

Assay

39.0-41.0 %

### Applications

Perkadox® BC-40S-PS is a monofunctional peroxide which is used for the crosslinking of silicone rubber. Safe processing temperature: 130°C (rheometer ts2 > 20 min.). Typical crosslinking temperature: 170°C (rheometer t90 about 12 min.).

## Storage

Due to the relatively unstable nature of organic peroxides a loss of quality can be detected over a period of time. To minimize the loss of quality, Nouryon recommends a maximum storage temperature

Ts Max.

30°C (86°F)

Note

When stored under the recommended storage conditions, Perkadox® BC-40S-PS will remain within the Nouryon specifications for a period of at least 6 months after delivery.

## Packaging and transport

The standard packaging is a plastic pail of 20 kg net weight. Both packaging and transport meet the international regulations. For the availability of other packed quantities consult your Nouryon representative. Perkadox® BC-40S-PS is classified as Flammable solid, class 4. 1, UN 1325.


## Safety and handling

Keep containers tightly closed. Store and handle Perkadox® BC-40S-PS in a dry well-ventilated place away from sources of heat or ignition and direct sunlight. Never weigh out in the storage room. Avoid contact with reducing agents (e. g. amines), acids, alkalines and heavy metal compounds (e. g. accelerators, driers and metal soaps). Please refer to the Safety Data Sheet (SDS) for further information on the safe storage, use and handling of Perkadox® BC-40S-PS. This information should be thoroughly reviewed prior to acceptance of this product. The SDS is available at [nouryon.com/sds-search](http://nouryon.com/sds-search).

## Major decomposition products

Methane, Acetophenone, 2-Phenylpropanol-2, -methylstyrene

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