

BC 404 Silicone Glycol Copolymer

Description

BC 404 is a copolymer of polydimethylsiloxane and polyoxyalkylene ether. This combination gives properties which are unique to this type of material.

Product Features

1. Aqueous and non-aqueous surface tensions of organo-modified silicones are lower than conventional organic surfactants.
2. Readily soluble and stable in cool water and lower alcohols.
3. Exhibits surfactant like qualities.
4. Profoaming.

Typical Properties

These values are not intended for use in preparing specifications (see table).

Method of Use

BC 404 Silicone Glycol Copolymer can be used in a wide range of automotive and household products. The amount required depends on the specific application. It can be diluted with cool water and lower alcohols. It should be added to cool water only, as it is insoluble in hot water.

Applications

BC 404 is an excellent wetting agent for aqueous glass polishes and hard surface cleaners. It may also be used in;

Interior trim products

Aerosol polishes

Tyre treatments

Toxicity and Handling

BC 404 Silicone Glycol Copolymer is basically non-hazardous with a very low order of toxicity, although contact with the skin or contact with the eyes may cause irritation.

See our Health and Safety sheet for more information.

Storage and Shelf Life

The product should be stored below 32°C and not allowed to freeze. Shelf life of the unopened container is 12 months from date of manufacture. If you wish to use the product after this time please contact us for approval.

Technical Service

Our technical and sales staff have considerable experience of the use of silicone products in a very wide variety of industries and the benefit of this experience is freely available to all our customers.

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Glass cleaners

Typical Properties

Specific gravity (25°C)	1.03
Appearance:	Clear amber liquid
Viscosity (25°C):	550cS

Although every effort has been made to ensure that the information contained in this data sheet is reliable, we cannot be held responsible for the correctness of the information or for any loss, injury or damage which may result from its use. Also suggestions of uses should not be taken as inducements to infringe any particular patent.

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**AUTOMOTIVE AND
HOUSEHOLD PRODUCTS**