



BRB CM50

INCI NAME: Cyclopentasiloxane

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Description

A base fluid in a number of personal care products, with excellent spreading, easy rub-out and lubrication properties together with unique volatility characteristics.

Application

Antiperspirants, deodorants, hair sprays, cleansing creams, skin creams, lotions and stick products, bath oils, suntan and shaving products, make-up, nail polishes.

In sticks, BRB CM50 can give the right balance between volatility and spreading. BRB CM50 can be used as a volatile carrier and is compatible with a wide range of cosmetic ingredients
BRB CM50 has a Low surface tension

Features

- Makes very stable formulations
- Low usage levels required
- Compatible with a wide range of cosmetic ingredients

Benefits

- Imparts soft silky feel to the skin
- Excellent spreading
- Leaves no oily residue or build-up
- Detackification
- Excellent Non-greasy

Typical Data

Parameter	Unit	Value
Appearance		Colourless liquid
Specific gravity at 25°C		0.95
Viscosity at 25°C	mm ² /s	4.0
Refractive index at 25°C		1.397
Surface tension at 25°C	mN/m	18.0
Flash point - closed cup	°C	77
Freeze point	°C	<-50
Boiling point at 760mm Hg	°C	205
Water content	ppm	250
Cyclotetrasiloxane (D4) content	%	<1.0

How to Use

BRB CM 50 may be used alone or blended with other cosmetic fluids to provide a fluid base for a variety of cosmetic ingredients. It features good solubility in most anhydrous alcohols and in many cosmetic solvents.

BRB CM 50 is a volatile with appreciable vapour pressure at ambient temperature.

Handling precautions

Care should be taken when handling volatile fluids at temperatures 10 °C below the quoted flash point.

As with any combustible material containers should be kept tightly closed and away from heat, sparks, open flames and other sources of ignition.

A product safety data sheet should be obtained from your BRB office prior to use.

Usable life and storage

When stored at or below 25 °C in the original unopened containers this product had a usable life of 36 months from the date of production.

BRB will guarantee the usable life of this product until the date indicated on the packaging.

BRB CM 50 should be stored at 5 °C above its freeze point. If the material does freeze on no account should a naked flame be used to melt the product.

Packaging information

This product is available in pails, drums, IBC and road tankers.

Samples are available in 250g packs.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

A Product Safety Data Sheet should be obtained from your BRB office prior to use.

ATTENTION: Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.

BRB International BV, PO Box 3552, NL-6017 ZH Thorn, Office: Branskamp 12, NL-6014 CB Ittervoort, The Netherlands
T +31 (0)475 56 03 00, F +31 (0)475 56 61 44, info@brbbv.com www.brb-international.com

Warranty: The information given in this product data sheet are believed to be fully accurate. However, BRB International BV shall not be liable for its content and make no warranty with respect thereto. For additional information we request you to contact BRB International BV or visit our web-site: www.brb-international.com