

BC 2153

Description

BC 2153 is a copolymer of polydimethylsiloxane and polyoxyalkylene ether. This combination gives properties which are unique to this type of material.

Product Features

Aqueous and non-aqueous surface tensions of organo-modified silicones are lower than conventional organic surfactants.

Readily soluble and stable in cool water and lower alcohols.

Renders many surfaces hydrophilic e.g. glass.

Defoaming (temperature dependant).

Applications

Used as a wetting agent and has defoaming properties.

Levelling agent in polymer based floor coating formulations.

Water soluble release agent e.g. mandrel release.

Method of Use

BC 2153 can be used in a wide range of applications. The amount required depends on the specific application. It can be diluted with cool water and lower alcohols.

Toxicity and Handling

BC 2153 is basically non-hazardous with a very low order of toxicity, although contact with the skin or with the eyes may cause irritation. See our material safety data sheet for more information.

Storage and Shelf Life

The product should be stored below 32°C and not allowed to freeze. Storage at temperatures below 15°C may lead to the formation of a white precipitate. This can be reincorporated by warming to above 15°C and then agitating once the white material is not visible. Shelf life of the unopened container is 24 months from date of manufacture. If you wish to use the product after this time please contact us for approval.

Viscosity (25°C)	300cS
Colour	Clear amber liquid
Specific gravity (25°C)	1.07
Cloud point	87°C

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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