

BC 2191 WATER REPELLENT

Description

Basildon Chemicals BC 2191 Silicone Emulsion is an emulsion of a polydimethylsiloxane designed to impart water repellency to glass wool and mineral substrates.

Product Features

1. Enhanced water repellency compared to standard silicone emulsions.
2. Compatible with most phenolic resin binder solutions.
3. Good water repellency at low concentrations.

Typical Properties

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

Method of Use

BC 2191 can be used as supplied or pre-diluted in water. The emulsion may be added to the phenolic resin binder solution but it may be necessary to do this just prior to spraying depending on its compatibility with the system. A starting level of 1% of emulsion in the binder is suggested.

Applications

BC 2191 has been developed specifically to provide water repellency to glass and mineral wool. It can also be used to impart hydrophobicity to other mineral based articles such as fibre glass boards, mats, pipe sections or tiles.

Typical Properties

Specific gravity (25°C):	1.0
Appearance:	White, mobile emulsion
Active Content (%)	40
Diluent:	Water

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.

Toxicity and Handling

BC 2191 Silicone Emulsion is basically non-hazardous with a very low order of toxicity, although prolonged contact with the skin or contact with the eyes may cause some 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. 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.

Basildon Chemical Company Limited

Kimber Road, Abingdon, Oxon, OX14 1RZ

Telephone: **44 (1235)526677**

Facsimile: 44 (1235)524334

E-Mail: Sales@baschem.co.uk

Web-Site: www.baschem.co.uk

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