

# Indusil™ 89/175 Emulsion

## Description

Indusil™ 89/175 Emulsion is an emulsion containing a reactive silicone polymer.

## Product Features

Reactive silicone in emulsion form.  
Formulation flexibility by use of catalyst.  
Produces flexible water repellent film.

## Applications

Indusil 89/175 Emulsion is designed for treating fibres and other substrates where their water repellent properties need improving. Examples are textiles, insulating materials and powders.

## Method of Use

Indusil 89/175 Emulsion can be diluted with water before use.

This product and its dilutions will slowly evolve hydrogen gas. Care should be taken that the pH remains acidic, as alkaline pH will lead to increased evolution of hydrogen gas.

This product can exhibit slight creaming (migration of active content to the top of the container / vessel) after long periods of standing. It can be re-homogenised through gentle stirring / agitation.

## Toxicity and Handling

Indusil 89/175 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.

Packs of 25 kg or above will be supplied with vented bungs to allow the slow release of any hydrogen evolved. The bungs should be loosened carefully on opening to allow release of any pressure. The product should be used in a well ventilated area.

Packs of less than 25 kg are usually supplied without a vented bung. In this case the bung / cap must be loosened carefully on receipt to allow release of any pressure. For storage, the bung / cap must now be vented and replaced to allow release of the hydrogen.

Dealing with products that produce hydrogen gas (SiH products) is described in detail in the document 'Safe Handling of SiH Emulsions'.

Receipt of unvented containers of contact with the such as samples is described in the document 'SiH Containing Emulsions Sample Despatch and Receipt'.

See our Health and Safety sheet for more information.

## Storage and Shelf Life

This 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.

## Typical Properties

Percentage active content	50%
Appearance	White, mobile liquid
Specific gravity (25°C)	1.0

## 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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