

## EM1335

### Silicone Emulsion 35% Solids

#### Introduction

This Emulsion is a water dilutable micro-emulsion based on reactive amino-functional silicone fluid. It is employed as softener for the impregnation of fibres and textiles. This emulsion, improves the sewing action, tear strength and reduces abrasion loss.

#### Key Features

- Amino functional micro emulsion
- Use as softener for textiles
- Additive for home and auto polishes
- High gloss characteristics

#### Use and Cure Information

#### Applications

This silicone emulsion has been formulated specially as softener agent in textile finishing but can be used in many other applications and processes such as:

- textile lubricant for yarn and thread
- shine in household and polishes formulation
- gloss in detergent and cleaner formulations

#### How to Use

This emulsion can be used either as supplied or diluted with water to the desired concentration, depending on the characteristics of the fabric to be treated. It can be applied either by padding or by the exhaust method alone or with other finishing agents. If it is used together with other additives it is suggested to verify their compatibility.

Dilutions of emulsion are stable, if the diluted emulsion is separated it is recommended to gently stir the emulsion to homogenize the system. The concentration required for good softening properties depends on the process where it is employed. For the pad method from 5 to 50 g/l of emulsion, for the exhaust method from 1 to 5 % relative to the weight of goods and then to adjust the amount upwards or downwards in order to determine the most cost effective concentration.

#### Health and Safety:

Safety Data Sheets available on request.

#### Packaging:

CHT Emulsions are available in a variety of packaging and sizes including drums and IBC's. Please contact our sales department for more information.

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Property	Test Method	Value
% Silicone		25 %
% Solids		35 %
Appearance		Translucent liquid
Colour		Translucent
FDA	CFR (21) 177.2600	No
Ionicity		Cationic
Pharma Grade		No
Reactivity type		Amino
SG	BS ISO 2781	0.99
Silicone Yes/No		Yes
pH		5.0-7.0
<b>Storage</b>		
Max storage temperature °C		30 °C
Min storage temperature °C		5 °C
Shelf life		6 mths

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