

Technical Data Sheet

SUPER 9 EMULSION

Mechanical emulsion of polydimethylsiloxane fluid

Features & Benefits

- Provides natural handle
- Non-yellowing
- Multiple release of moulds and good finish of the rubber parts.
- Can be used as a thread lubricant for sewing thread, yarn, glass fabric, etc.

Applications

Super 9 Emulsion is a mechanical emulsion based on a polydimethylsiloxane fluid (35%) in water.

- It can be used to provide a natural handle to fabric, and can also be used as a thread lubricant.
- Rubber release for moulded parts and extrusion sections.
- Finishing gloss and water repellency for rubber and plastic moulded and extruded parts.
- Formulating car, furniture and other polishes.

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Test ¹	Property ²	Unit	Result
	Appearance		White liquid
CTM0208	Non-volatile content	%	35.5-38
CTM 0097	Specific gravity	g/ml	1.0
CTM 0007	pH		6.5–8.5
	Emulsifier type		Non-ionic

CTM-Corporate Test Method

Description

Super 9 Emulsion provides a natural hand to fabric and it is non-yellowing. It can be used as a thread lubricant to reduce needle temperature, and wear and thread breakage. It also has good freeze-thaw stability, performs comparably to its predecessor and offers better dilution stability at 20% solids

How To Use

Super 9 Emulsion can be applied to fabric by padding. The amount of emulsion required will depend on the fabric construction and the type of fabric used (natural, synthetic). Generally, between 10g/l and 40g/l bath concentration is recommended.

Procedure for padding:

1. Scour goods in a non-ionic detergent and rinse thoroughly. Follow with an acid rinse using 2 g/ml of 80% acetic acid for 5 minutes. This will neutralize any alkali residues from previous processes that may cause pad bath instability and lead to oil spots on fabrics or gel on the rollers.
2. If crease resist resins or fillers are used, dilute in the mixing tank in accordance with the manufacturers' instructions. If hot, cool to below 30°C before adding the silicone emulsion.
3. Pre-dilute the required amount of SUPER 9 Emulsion with an approximately equal weight of cold water and add to the mixing tank.
4. If crease resist resin catalyst is used, pre-dilute with an equal weight of water and add to the mixing tank.
5. Top up to final volume with cold water.

**Handling
Precautions**

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS

**Usable Life And
Storage**

When stored at or below 35°C in the original unopened containers, SUPER 9 EMULSION has a usable life of 12 months from the date of manufacture.

**Packaging
Information**

This product is available in 50KG Carboy & 200KG Drums

For more information visit our website-www.adarshachemicals.com

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