



## Product Information Auxiliaries

### **BR-EM SH 40**

Silicone Fluid emulsion (Release Agent)

**BR-EM SH 40** is an aqueous silicone fluid emulsion with medium-viscosity un-reactive polydimethylsiloxane.

The emulsion forms a narrow yet effective parting line film. Even at high temperatures, it does not carbonise or gum.

It would obliterate organic moulds release in a matter of minutes. It was created specifically to be used as polishing agents. In the formulation of car polish, this emulsion is utilised to create good shine and minimal smear.

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### **Key Features & Benefits**

Excellent resistance to high temperatures.
In interaction with sticky substances, it has excellent non-stick characteristics.
Excellent water repellency.

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### **General Characteristics:**

Physical Appearance : Milky

Emulsifying system : Non-ionic

pH : 6-9

Type of emulsion : Oil in water.

Solid Content : 34-40 %

These figures are only meant to be used as a guide and should not be used to generate specifications.

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### **Application**

**BR-EM SH 40** is a release agent that has been developed for use in

#### **Rubber industry**

- ✚ As a release agent in vulcanization.
- ✚ As a lubricant e.g., Gaskets

#### **Plastic Industry**

- ✚ In the moulding of thermoplastic and thermosetting polymers as release agents
- ✚ To increase the processability of pigments and fillers.

#### **Faundry Industrty**

- ✚ As release agents in diecasting, precision casting and in the Croning process.

#### **Wire and cable lubricant**

- ✚ **BR-EM SH 40** does not encourage fungal development. As a result, fungi that feed on paraffin do notharm the look of stored cable.





## General:

Extruded rubber part lubricant and anti-sticking agent. Improves the look of newly coiled extrusions by preventing them from adhering together.

For conveyors, there is a release coating. Prevents items from adhering to conveyors, especially those that are working at high temperatures.

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## Storage stability:

If stored in firmly closed original containers between 4 °C and 35 °C, **BR-EM SH 40** has a shelf life of atleast six months. Each batch's "Best use before" date is printed on the product label.

If the material is retained past the authorized shelf life, it is not necessarily unsuitable; nonetheless, a quality check on the qualities relevant to the application should be done.

## Packing:

BR- EM SH 40 is available in 25 kg Blue Brand packing.

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## Safe use and handling

Good hygienic and industrial practices should be followed and, when employed as recommended, **BR-EM SH 40** will not present any hazard. However, prolonged skin contact with the neat product should be avoided and any splashes on the skin should be washed off with water. The information herein is, to the best of our knowledge, correct and complete. It is based not only on the work in our laboratory but also on the reported results of other workers in this field. It is offered without guarantee of specific properties and no patent liability is assumed. No liability can be accepted for any loss, injury or damage resulting from its use.

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