



Product Information Auxiliaries

BR-EM SH 20V

(Silicone Fluid emulsion release agent)

The **BR-EM SH 20V** emulsion contains 20% dimethyl polysiloxane and a non-fugitive¹, largely non-ionic emulsifier. Rubber releasing agent that is effective and extensively used. It has been specially formulated for use as polish ingredients. This emulsion is used to provide good gloss and minimum smear in car polish formulation.

Compared to traditional dimethyl polysiloxane emulsions, BR-EM SH 20V has the following advantages:

- ✦ Shines brilliantly on natural rubber and EVA sheets. For rubber, this is an excellent mould release agent.
- ✦ On the mould, it does not leave a tarry, carbonaceous residue.
- ✦ Both in its original form and when diluted, it has high emulsion stability.
- ✦ Temperatures as high as 50 degrees Celsius and as low as 0 degrees Celsius are both stable.

General Characteristics

Physical Appearance	:	White Solid	Content	:	25±2
Active	:	20			
Consistency	:	Viscous			
Type of Emulsifier	:	Non- Fugitive, essentially non-ionic			

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

Application:

Rubber surface shining

a) Rubber Slipper²:

BR-EM SH 20V shines the rubber strip and the inside surface of the slipper beautifully. It may be applied to the rubber surface by simply brushing it on. When **BR-EM SH 20V** is mixed 1:1 with water, the best results are produced.





b) Bicycle Tyre:

BR-EM SH 20V gives bicycle tyres a brilliant sheen. It is used in a 1:1 ratio with water in this recipe.

Working as a Release Agent

a) **Slipper Sheet:** Sheets are usually 6mm to 12mm thick and 36"x 36" in size. **BR-EM SH20V** provides good sheet release from the mould. A fresh coating on the mould surface is required every time for optimal release. Spraying at a 1:5 ratio with water can be used to apply the coating.

b) **Micro Cellular Sheet:** This sheet is necessary for the slippers' lower section. Sheets are 1mm to 8mm thick and 36" x 36" or 30" x 30" in size. **BR-EM SH 20V** is employed as a mould release agent in this case. The application process is similar to that of the Slipper sheet.

Sheet of Banwar:

This sheet is required for the slipper's top section. Sheets are around 1mm to 8mm thick and have a 36" x 36" or 30" x 30" surface area. **BR-EM SH 20V** is employed as a mould release agent in this case. The application process is similar to that of the Slipper sheet.

d) Bicycle paddle and brake shoe: **BR-EM SH 20V** is a mould release agent that may be used directly or in a 1:1 water-to-silicone ratio.

Tyres for bicycles:

In the production of bicycle tyres, **BR-EM SH 20V** is an effective releasing agent. **BR-EM SH 20V** is mixed 1:1 with water or used straight.

EVA Sheet³:

BR-EM SH 20V is utilised as a releasing agent in the production of EVA sheets. **BR-EM SH 20V** can be used at a 1:5 ratio with water for efficient release.

Storage stability:

The **BR-EM SH 20V** must be used within one year after its manufacture date. Keep the original packets unopened and at a temperature of 30°C but not below 0°C to keep all of the qualities.

After you've opened the packages, use the products.

Packing size:

BR-EM SH 20V is available in 25 kg Blue brand Packing.





Making chemistry
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Safe use and handling

Good hygienic and industrial practices should be followed and, when employed as recommended, **BR-EM SH 20V** 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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