

## technical data sheet

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### Description

Emulsion EPHV is a stable water dilutable release agent based on a very high viscosity polydimethylsiloxane (silicone) fluid.

### Applications

Emulsion EPHV is formulated for use as a release agent for a variety of applications including rubber, plastic and foundry moulding. It is also suitable as a surface finish enhancer for rubber, plastic and leather as well as a boarding lubricant for textiles and hosiery. Emulsion EPHV's anti-stick and slip-inducement properties make it useful in many production processes including the lubrication of cutting-tables and blades.

### Product Features

Emulsion EPHV forms a thin, effective, parting film that is heat stable and non-carbonising.

### Method of Use

Emulsion EPHV may be applied by dip brush, swab, trigger-spray gun, pressurised equipment or "fogging" machine. It must be diluted with water before application. Dilution requirements will vary depending on the application. Mould release applications frequently need between 1:50 - 1:100 dilutions. "Siliconising" of extrudates should need no greater concentration than 14:1 (the addition of methylated spirits may enhance the spreading effect).

### Product Safety

A Safety Data Sheet compliant with EU 2015/830 is available for Emulsion EPHV on request. It contains any safe handling guidelines that may be relevant to this product.

### Storage, Shelf Life & Packaging

Emulsion EPHV has a shelf life of 12 months when stored in original and unopened containers between 5°C and 30°C. This product is typically available in 25, 220 and 1,000 litre containers. Please note that it is sold in kilograms and the actual capacity of a container (in kg) is dependent upon the specific gravity of its contents.

### Typical Properties

- Appearance: White milky emulsion
- Silicone Content: 35%
- Specific Gravity: 0.99
- pH: 7.5

*Please note; these are typical properties only and should NOT be construed or used as a specification for this product.*

(OPM3/D3)

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This product is manufactured in a facility whose Quality Management System is certified as being in conformity with ISO 9001:2015.



This product is manufactured in a facility which operates in line with the Chemical Business Association's Responsible Care program.

### Technical Support Contact Details

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