



## Product Information

# M30 Methylhydrogen Silicone Fluid

**Polydimethylhydrogensiloxane > 60% CAS# 63148-57-2**



M30 Methylhydrogen Silicone  
Formulated to provide a durable film to  
plasterboard and plaster blocks.

**M30 Methylhydrogen Silicone Fluid** is a Methylhydrogen polysiloxane (Polymethylhydrogensiloxane) [CAS No 63148-57-2] with a viscosity in the range of 30cSt @ 25°C. M30 Methylhydrogen Fluid is widely used in waterproofing applications for gypsum board, plasterboard and plaster blocks. M30 is oil-soluble. Most often, it is applied after being diluted with solvents such as acetone. Dilution ratios vary contingent upon the surface to be treated.

The curing temperature of **M30 Methylhydrogen Silicone** ranges from 120°C to 175°C. Cure times are accelerated at higher temperatures. For example, the cure times of uncatalyzed M30 is approx 3 to 4 hours at 120°C. At 150°C, cure times are between 10 to 15-minutes. Catalysts that accelerate cure times include zinc octate, iron octate, dibutyl tin dlaurate & tin octoates. A typical concentration is 10-parts of Methylhydrogen to 1-part catalyst.

Note: Clearco does not provide catalysts.

Applications include: waterproofing gypsum board, waterproofing plasterboard, waterproofing plaster block.

### Features

- Colorless
- Essentially non-toxic
- Cures to give a durable film
- Cure times and temperatures can be controlled
- Effective at additional rates down to 0.2%
- Can be diluted in solvents in order to improve dispersion.

### Typical Product Data

Appearance	Viscosity @ 25°C	Specific gravity	Flash point	Boiling point	Vapor pressure @ 25°C	Water soluble
Clear fluid-slight odor	Approx 30cSt	0.99	>100°C	>121°C	No data	No

### CAS Information

Chemical name	CAS#
Methylhydrogen Siloxane >60%	63148-57-2

### Packaging

5-gallon pail .....	3.6kg
55-gallon drum.....	18kg

### For More Information, Contact:

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