

# Technical Data Sheet

**Brand** Calsil  
**Market** Chemicals  
**Product name** Calsil IMH LV

## 1. Product Description

A low viscosity methyl hydrogen silicone polymer

## 2. Key Properties

- Imparts water-repellency
- Good Affinity with fabrics
- Chemical intermediate used in industrial coating, textile, rubber and construction applications

## 3. Benefits

- Can be formulated into a waterproof film using metal salt catalyst at low temperature
- Outstanding waterproofing preventing moisture, mildew and rust damages
- Highly permeable, allows the substrate to breathe and let water vapour escape from the substrate

## 4. Applications

Calsil IMH LV may be used in a variety of applications :

- Making water-resistant plaster boards, brick, marbles, glass, ceramic, textile, leather, paper, metal...
- Powder treatment, moisture-proofing and preventing lumps in cement, improving pigments flow
- Finishing cotton, hemp, silk, nylon, polyester fibres and fabrics.
- As a cross linker for addition type silicone rubber elastomers.
- To synthesize polyether and alkyl modified silicone oil, as a chemical intermediate.

## 5. Typical Properties (not for sales specifications)

Properties	Units	Values
Appearance		Colourless transparent liquid
Viscosity	mm <sup>2</sup> /s at 25°C	13 - 26
Specific Gravity	At 25°C	1,00

## 6. Handling

This document does not contain safety precautions. Before handling this material, please read the Material Safety Data Sheet, check the label on the container, and conform to the safety, physical and hazard guidelines and precautions. The Material Safety Data Sheet is available from your nearest CALDIC office.

## 7. Storage and Shelf Life

This product should be stored in its original unopened containers at a temperature above 0°C and below 35°C. It can be used within the 36 months following its production date.

## 8. Packaging

Available in 1.000 kg IBC, 200 kg Drums and 25 kg Pails.


## 9. Restrictions

This ingredient is solely proposed in technical applications, It is not suitable to be used in medical, human injection or pharmaceutical applications.

## 10. Limited Warranty PLEASE READ CAREFULLY

- The information herein is offered in good faith. It is believed to be accurate at the time of shipment.
- It should not be used as a substitute for the customer's test, the customer bears the responsibility to ensure that the product matches the intended application is safe and achieves the desired benefits.
- The product warranty is limited to the refund value of the purchase or the replacement only when it is demonstrated that the product is out of the agreed sales specifications.
- Calsil is a registered trademark of CALDIC BV. All rights reserved.

**For more information, please contact our nearest office**

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