

Technical Data Sheet

Brand Calsil
Market Chemicals
Product name Calsil IMA 750

1. Product Description

A methylalkylpolysiloxane fluid with low viscosity.

2. Key Properties

- Outstanding lubricating properties
- Compatible with most organic coatings and adhesive systems

3. Benefits

- Release agent of plastics to be painted or glued
- Provides a heat-stable film
- Lubricant

4. Applications

Calsil IMA 750 is being used as :

- Release agent for plastic demolding where the pieces have to be painted or bonded
- Tensio-active agent for varnishes and paints generally applied by curtain coating (1 – 5%)
- Maintenance products additive (1 – 10%)
- Lubricant of small mechanical parts at medium temperature (-50°C – 150°C)
- Waxing additive in paraffin oils for the lubrication of sewing threads and hosiery yarns (up to 20% in mixture)
- Additive in rubber and plastic formulations. When added as build-in lubricant, the fluid facilitates the assembly of mechanical components and acts as lubricant in service
- Parting agent in die casting aluminium, zinc, magnesium and other metals

5. Typical Properties (not for sales specifications)

| Properties | Units | Values |
|--------------------------|----------------------------|--------|
| Viscosity | mm ² /s at 25°C | 750 |
| Specific gravity at 25°C | | 0,900 |
| Refractive Index at 25°C | | 1,462 |

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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