



Technical Data Sheet CALSil PASTE MR7

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| Brand | CALSIL |
| Market | Machinery & Equipment |
| Product name | CALSIL PASTE MR7 |

1. Product Description

CALSIL PASTE MR7 is a polydimethylsiloxane oil based silicone paste with inert fillers.

2. Key Properties

- Adapted to mould release applications in the rubber and plastics industries.
- NLGI consistency : N.2

3. Benefits

- Does not burn onto the moulds.
- Reduces maintenance.
- Reduces the part reject rate.
- Improves the appearance on the moulded parts.

4. Applications

- Mould release agent in various industries, notably in the plastics processing industry.
- Manufacture of low pressure laminates in phenolic resins or polyesters.
- Lubrification of systems containing plastics.

Typical Properties (not for sales specifications, please contact us prior to writing sales specs)

| Properties | Units | Values |
|--|-------|--------------------|
| Chemical composition | | Silicone Grease |
| Appearance | | Filamentous grease |
| Color | | Translucent |
| Worked penetration at 25°C ASTM D 217 – 68 | | 265-295 |
| NLGI consistency | | N. 2 |
| Specific gravity at 25°C approx | | 1.0 |
| Freezing point | °C | - 40 |
| Boiling point | °C | ND |
| Flash point | °C | > 320 |
| Drop point | °C | None |
| Service range | °C | - 40 + 200 |
| Dielectric constant at 25° C and 10 ² Hz | | 2.74 |

5. How to Use

It is recommended to be applied on clean and dry surfaces (degreased if necessary).

CALSIL PASTE MR7 could be applied with a brush, with a paint brush, with a spatula or with a paste gun.

6. Compatibility

| | |
|--|----------------|
| Silicone Oils and Phenyl Trimethicone | Compatible |
| Aliphatic Solvents | Soluble |
| Aromatic Solvents | Soluble |
| Water | Insoluble |
| Mineral Greases | Not compatible |
| EPDM-EPM-NBR-SBR-NR-IR-BR-IIR | Compatible |
| MFQ-MPQ-MPVQ-MQ-MVQ | Not compatible |
| Gas | Not compatible |
| Liquid gas | Not compatible |
| Contact with drinking water | Yes |
| Incidental food contact | Yes |
| Water washout resistance | Yes |
| Resistance to fuels (oil, gasoline, Diesel oil, ...) | No |
| Resistance to polar liquid | Yes |
| Resistance to no polar liquid | No |

7. 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.

8. Storage and Shelf Life

This product should be stored in its original unopened containers at a temperature between +2 °C and + 50°C. It can be used within the 36 months following its production date.

9. Packaging

Available in

- 25 Kg pail
- 5 Kg pail on request.

10. Restrictions


This ingredient is solely proposed in the above listed applications.

It is not suitable to be used in medical, human injection, pharmaceutical or food applications.

11. 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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