

# SILISIL Paste MR7

## Technical Data Sheet

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### 1. DESCRIPTION

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SILISIL Paste MR7 is a polydimethylsiloxane oil-based silicone paste with inert fillers. It presents the following special features:

- Adapted to mould release applications in the rubber and plastics industries
  - NLGI consistency: N.2
  - Does not burn onto the moulds
  - Reduces maintenance
  - Reduces the part reject rate
  - Improves the appearance on the moulded parts
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### 2. MAIN AREAS OF APPLICATION

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

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The surfaces to be applied on must be clean, dry, and dust-free (degreased if necessary). The product could be applied with a brush, with a paint brush, with a spatula or with a paste gun.

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## 4. IMPORTANT RECOMMENDATIONS

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- Before handling the product, read the safety data sheet and make sure to get all the information required for safe use.
  - Test the product in small scale quantity before extending the use in larger scale.
  - This product is not suitable to be used in cosmetic, medical, human injection, pharmaceutical and food applications.
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## 5. TECHNICAL DATA

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<b>Physical Properties</b>	<b>Value</b>
Chemical composition	Silicon grease
Appearance	Filamentous grease
Color	Translucent
NLGI Consistency	N.2
Worked Penetration (25 °C) ASTM D 217.68	265 - 295
Specific gravity at 25 °C	1.0
Freezing point	- 40 °C
Boiling point	Not determined
Flash point	>320 °C
Drop point	None
Service Range	-40 °C - 200 °C
Dielectric constant at 25 °C and 10 <sup>2</sup> Hz	2.74

### Compatibility

Silicone Oils and Phenyl Trimethicone	Compatible
Aliphatic and Aromatic Solvents	Soluble
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
Water	Insoluble
Incidental food contact	Yes
Water washout resistance	Yes
Resistance to fuels (oil, gasoline, Diesel)	No
Resistance to polar liquid	Yes
Resistance to no polar liquid	No

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## 6. PACKAGING

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SILISIL Paste MR7 is available as standard in 100 g, 200 g, 1 kg, 5 kg, 25 kg, and 200 kg containers. Other container sizes are available upon request

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## 7. SAFETY INSTRUCTIONS

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Before handling the product, read the safety data sheet and ensure that you have all the information required for safe use.

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## 8. IMPORTANT NOTE

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This document contains information provided to the best of our knowledge and belief, based on the current state of our understanding. This information is for guidance only and does not constitute any obligation on our part, particularly in the event of an infringement of third-party rights through the use of our products. This information should be supplemented by preliminary testing to ensure the product's suitability for its intended purpose.

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