



CONSORZIO PETROLIERI DELL'ALTA ITALIA
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Rel. # 4 on 22/03/2018

Technical note

SILGREASE

MAIN FEATURES

Silicone grease: chemically safe and inert silicon insulating paste with a water-repellent effect.

It has a high resistance to humidity, water, salt, condensation, weak acids and alkalis and is antistatic. The high dielectric strength indicates it as a dielectric sealant for live devices.

It is also excellent for lubricating plastic-plastic and metal-plastic using it in wide temperature ranges, from -50 to + 250 ° C.

Properties:

- Resistance to acids and alkalis: Good
- Moisture resistance: Excellent
- Resistance to saltiness: Excellent
- Resistance to polar solvents (alcohol, glycols, etc.): Excellent
- Lubricants properties: Good.

CHEMICAL-PHYSICAL FEATURES

Appearance: Transparent white / ice-blue pseudoplastic paste

Odour: Characteristic

pH: Not applicable

Flash point: >300°C

Relative density: < 1 kg/dm³

Solubility: In oil and hydrocarbons

Water solubility: Not soluble

Consistency: 220 - 250 mm / 10

Worked penetration 60 double strokes: 220 - 250 mm / 10 (ASTM D 217)

Electrical stiffness: 12 kV / mm

Operating temperatures: - 40 ° C ÷ + 200 ° C

Behavior with water: Excellent

APPLICATIONS

Recommended in the chemical, mechanical, wood, naval, plastic, etc. and also in the food industry avoiding carefully contact with food.

It is excellent for the lubrication of valves, faucets, chains, sliding surfaces; It is an anti-adhesive for molds, electrical assemblies and electronics, insulators, joints, hinges, seals, vacuum bell covers, probes, etc.

TIPS FOR USE

It is recommended to clean the parts to be treated from any residues of grease or lubricants previously used; then distribute carefully uniformly with a spatula or brush with rigid bristles to the desired thickness.

The absence of hazardous components avoids the need for special means of protection.

It is advised only to avoid prolonged contact with the skin using gloves or protective creams. In the event of accidental spills in the eyes, wash thoroughly with water.

PRECAUTIONS FOR USE

This lubricant does not present any special risks if used according to our recommendations and applied correctly. A safety data sheet in compliance with the EU legislation is available from your sales advisor.

Store possibly indoors. If it is stored outdoors, keep the kegs in a horizontal position and cover them with a lid to avoid water infiltration. Do not store at temperatures above 60 ° C or directly in the sun as it is good to keep them in places not subject to frost.

Protect the environment, avoid dispersion of used oil and containers.



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CLASSIFICATION AND LABELLING

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:
None

Hazard Class and Category Code(s):
Nonhazardous

Hazard statement Code(s):
Nonhazardous

UN Number: 0000

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