



TECHNICAL DATA SHEET

COMPOUND SILICONE

Electronics

6018.doc

1. OUTSTANDING FEATURES

The COMPOUND SILICONE is a silicone paste with base of oil and of oxidize metal. Presenting excellent properties of thermal specific conductivity, the COMPOUND SILICONE ideally fits as thermal evacuation paste ; It facilitates heat transfer between components and protects effectively the connections against mechanical or thermal shocks, and against humidity.

2. TYPICAL APPLICATIONS

The COMPOUND SILICONE provides protection of the electronic circuits (power transistors, radiators), allows the realization of thermal joints for capacities and probes, the waterproofness of resistances and of metal parts in the household electrical appliance..

3. DIRECTIONS FOR USE

It is recommended to apply the COMPOUND SILICONE to clean and dry surfaces (to remove grease by means of TRIJELT 13E Ref. 7331). Apply the COMPOUND SILICONE to the brush, to the paintbrush or to the spatula. It can be diluted in aromatic or chlorinated solvents to facilitate operation in the case of application in thin coat. The cleaning of the application material can be made with these same solvents.

Considering the strong density of the product, a light exudation can occur. A simple move allows then to homogenize the paste without modification of its final properties.

4. PHYSICAL AND CHEMICAL PROPERTIES

Active Ingredient :

- | | | | |
|-------------------------|--|-----------------------------------|------------------------|
| • Appearance : | White Grease | - Volume mass (@ 20°C): | 1.92 g/cm ³ |
| • Chemical nature: | Silicone | - Solid lubricating content : | 20 % |
| • Thickening : | Inorganic | - Drop point : | Without |
| • Penetrability : | 270 (NLGI 2) | - Viscosity @ 40°C : | 12500 cSt |
| • Temperature: | -50°C in +250°C | - Drainage point : | -50°C |
| • Thermal conductivity: | 0.55 g.cal / cm ² /sec /°C/cm | - Evaporation (24 hours @ 200°C): | < 1 % |

5. USAGE INSTRUCTIONS

Consult the safety data sheet. Do not smoke. Keep out of reach children.

6. PACKAGING AND STORAGE

Syringe of 20 g. Reference 6017.

Tube of 100 g. Reference 6018.

Store in a cool and dry place, in a not opened original packing, at temperature between 2°C and 50°C.

Life expectancy : 5 years.

This technical sheet was issued on 00-11-15 and cancels any previous information. The information herewith provided is based on our today's knowledge and experience. We do not guarantee the accuracy of the data and assume no liability in connection with damages incurred while using this product.

ITW Produits Chimiques 99 Quai du Docteur Dervaux 92600 ASNIÈRES SUR SEINE-FRANCE ☎ (33)1.40.80.32.32 Fax (33)1.40.80.32.30