

GENSIL 13 PASTE

DESCRIPTION

GENSIL PASTE 13 is a specialty zinc oxide filled silicone compound for industrial or electrical use where high thermal conductivity or high heat dissipation is required. It is used especially for giving high thermal conductivity between electronic relays and heat sinks.

TYPICAL PROPERTIES

Appearance	A white opaque grease.
Specific Gravity	2.10 – 2.20
Penetration (25°C)	200 - 260
Maximum volatiles (150°C/24h)	2.0% (max)
Maximum Bleed (24 hours)	2.0%
Acidity/Basicity	Neutral
Silicone type	Dimethylpolysiloxane

PROCESSING GUIDELINES

GENSIL PASTE 13 can be applied with a grease gun or by brushing or wiping. It is readily dispersed in aromatic solvents and can be sprayed. Components require only a light coating.

HEALTH AND SAFETY

In general, silicone fluids and greases are recognised as having a low order of toxicity. Eye contact will cause temporary irritation but flushing the eyes with water will minimise discomfort. All relevant information is provided within the Material Safety Data Sheet.

STORAGE AND AVAILABILITY

This product has a shelf life of 12-24 months from the date of delivery. Storage temperature should be within the range of 5 to 30°C, and containers should be well sealed. The product is available in 10 kg pails and 200 kg drums.

FDA regulation for GENSIL PASTE 13

May be used in applications subject to following FDA regulations on food contact additive, provided that the user complies with conditions of use detailed in the applicable regulations.

FDA CFR - Code of Federal Regulations Title 21 PART 175

See attached excerpt from FDA Website: