

MATERIAL SAFETY DATA SHEET

Finished Product



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Thermal Grease

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: NTE303
PRODUCT DESCRIPTION: Thermal Grease
PRODUCT CODE: NTE303
CHEMICAL FAMILY: Chemplex 1381

MANUFACTURER
NTE Electronics, Inc.
44 Farrand Street
Bloomfield, NJ 07003
Phone: 973-748-5089

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300
CANUTEC: (613) 996-6666
EMERGENCY PHONE:
800-631-1250(8-5pm est)

2. CHEMICAL AND PHYSICAL PROPERTIES

| | | | |
|--------------------------------------|------------------|-------------------------------|---------------|
| SOLUBLILITY IN WATER (@20C): | NIL | VAPOR DENSITY (AIR-1): | >1 |
| SPECIFIC GRAVITY (WATER=1): | >1.0 | STRONG ACID: | NO |
| VAPOR PRESSURE (mmHg @ 20C): | NIL | STRONG BASE: | NO |
| EVAPORATION RATE (ether = 1): | >0.001 | BOILING POINT (DEG F): | +600 F |
| PERCENT VOLATILE (by weight): | ZERO | MELTING POINT (DEG F): | N.A. |

APPEARANCE AND ODOR: WHITE GEL, ODORLESS

3. REACTIVITY DATA

STABILITY: STABLE **INCOMPATIBILITY:** **KEEP AWAY FROM STRONG OXIDIZERS**

NOTE: **HAZARDOUS POLYMERIZATION WILL NOT OCCUR**

4. FIRE AND EXPLOSION DATA

FLASH POINT (METHOD): 600 F MIN FLAMMABLE LIMITS-LEL: UNK UEL: UNK

EXTINGUISHING AGENTS: DRYCHEMICAL (X) CO2 (X) WATERSPRAY (X) FOAM (X)

SPECIAL FIRE FIGHTING PROCEDURES: Avoid breathing vapors. Use breathing apparatus in confined areas. Cool exposed containers with waterspray.

HAZARDOUS THERMAL DECOMPOSITION PRODUCT: Silicon dioxide, carbon oxides, formaldehyde unidentified organic compounds.

5. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO TAKE IN CASE OF SPILL: Add absorbent to spill area. Keep silicone products out of sewers and waterways. Advise authorities if they do enter.

WASTE DISPOSAL METHOD: Dispose of at appropriate waste facility in accordance with regulations.

PRECAUTIONS IN STORAGE: Keep containers closed when not in use. Do not handle near heat, flames, sparks. Do not weld or heat empty containers.

6. HEALTH HAZARD DATA

PERMISSIBLE CONCENTRATIONS (AIR): None established

| ROUTE | EFFECT OF OVEREXPOSURE | EMERGENCY FIRST AID PROCEDURE |
|------------|---|--|
| EYES | NONE EXPECTED | FLUSH WITH WATER. SEE PHYSICIAN |
| SKIN | PROLONGED OR REPEATED CONTACT MAY CAUSE MILD IRRITATION | WASH WITH SOAP AND WATER. IF HIGH-PRESSURE, GET IMMEDIATE MEDICAL ATTENTION. |
| INHALATION | NONE EXPECTED | REMOVE FROM CONTAMINATED AREA |
| INGESTION | NONE EXPECTED | |
| CHRONIC | NONE EXPECTED | |

HAZARDOUS INGREDIENTS

TLV, TWA, PEL

IARC, NTP, OSHA

SILICA THICKNER

PEL 20 MPPCF (AS DUST)

NOT LISTED

ZINC COMPOUND *<80%

TWA 5 MG/M3 (AS DUST)

NOT LISTED

7. CONTROL MEASURES

RESPIRATION PROTECTION:

NONE NORMALLY NEEDED

VENTILATION TYPE:

GENERAL ADEQUATE. USE LOCAL MECHANICAL TO INSURE TLV'S NOT SURPASSED WHERE APPLICABLE.

SKIN PROTECTION:

CHEMICALLY RESISTANT EYE PROTECTION: GOGGLES OR FACESHIELD DESIRABLE

OTHER PROTECTIVE MEASURES:

NONE NORMALLY NEEDED

8. MISCELLANEOUS

UNK MEANS UNKNOWN

EST MEANS ESTIMATED

N.A. MEANS NOT APPLICABLE

* This component is regulated under section 313 of SARA

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