

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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