

THERMALLOY, INC -- THERMALCOTE -- 5970-01-070-5553

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Product Identification
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Product ID:THERMALCOTE

MSDS Date:02/15/1994

FSC:5970

NIIN:01-070-5553

MSDS Number: BZNSR

=== Responsible Party ===

Company Name:THERMALLOY, INC

Address:2021 W. VALLEY VIEW LAKE

City:DALLAS

State:TX

ZIP:75234

Info Phone Num:(214) 243-4321

Emergency Phone Num:(214) 243-4321

Preparer's Name:KEITH MANDELL

CAGE:FO319

=== Contractor Identification ===

Company Name:THERMALLOY CO INC

Address:2021 W. VALLEY VIEW LAND

Box:City:DALLAS

State:TX

ZIP:75381

Country:US

Phone:214-243-4321

CAGE:13103

Company Name:THERMALLOY, INC

Address:2021 W. VALLEY VIEW LAND

City:DALLAS

State:TX

ZIP:75234

Country:US

Phone:(214) 243-4321

CAGE:FO319

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Composition/Information on Ingredients
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Ingred Name:SILICONE FLUID (TYPE NOT SPECIFIED)

Fraction by Wt: 50.4%

Other REC Limits:NONE RECOMMENDED

Ingred Name:Z

INC OXIDE (SARA 313) (CERCLA)
Fraction by Wt: 48.7%
Other REC Limits:TLV=5 MG/M3 (MFR)
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9495

Ingred Name:FUMED SILICA
Fraction by Wt: 0.9%
Other REC Limits:TLV=10 MG/M3

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: PROLONGED
OR REPEATED SKIN
CONTACT TENDS TO REMOVE SKIN OILS AND MAY CAUSE SKIN IRRITATION.
EXPOSURE TO FUMES OR MISTS MAY CAUSE MUCOUS MEMBRANE IRRITATION.
CHRONIC: DERMATITIS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: COUGHING, WEAKNESS, NAUSEA. SKIN:
DERMATITIS, DRY SKIN. INGESTION: LAXITIVE SYMPTOMS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:INHALATIO
N: MOVE TO FRESH AIR. IF SYMPTOMS DEVELOP OR
PERSISTS, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED
CLOTHING. WASH AREA WITH SOAP AND WATER. IF SYMPTOMS DEVELOP OR
PERSISTS, GET MEDICAL A TTENTION. INGESTION: ADMINISTER WATER. DO
NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:COC
Flash Point:610F,321C
Lower Limits:1%
Upper Limits:6%
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.
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Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULLY PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:NONE.

===== Accidental Release Measures =====

Spill Release Procedures:CLEAN UP MATERIALS WITH TERPENTINE OR MINERAL SPIRITS AND PLACE IN AN APPROPRIATE CONTAINER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN SEALED CONTAINERS. DO NOT STORE OR MIX WITH OXIDIZING MATERIALS. AVOID EXCESSIVE HEAT OR FLAMES.

Other Precautions:AVOID REPEATED CONTACT WITH SKIN. AVOID CONTACT WITH EYES AND INHALATION OF FUMES, VAPORS, MISTS. DO NOT INGEST. WASH AFTER HANDLING.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. RECOMMENDED IF FUMING OR MISTING.

Ventilation:LOCAL EXHAUST RECOMMENDED TO CAPTURE HOT FUMES, VAPORS. MECHANICAL (GENERAL) RECOMMENDED IF FUMING OR MISTING.

Protective Gloves:RECOMMENDED FOR PROLONG/FREQUENT CONTACT

Eye Protection:RECOMMENDED IF SPLASHING OR MISTING.

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

SHELF LIFE-UNLIMITED (UNOPENED). AFTER LONG STORAGE, STIRRING MAY BE NEEDED TO INSURE HOMOGENEOUS MIXTURE. THERMALCO

TE IS NON-TOXIC,

EXTREMELY STABLE, EXCELLENT INSULATOR. IMPROVES THERMAL ENERGY TRANSFER BETWEEN POWER COMPONENTS IN ELECTRICAL/ELECTRONIC ASSEMBLIES AND HEAT SINKS BY FILLING VOIDS/GAPS BETWEEN SURFACES.

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:>500F,>260C

Vapor Pres:8.0 @572F

Spec Gravity:1.6

Evaporation Rate & Reference:1 (BUTYL ACETATE =1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WHITE PASTE. MILD ODOR.

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: EXCESSIVE HEAT AND OPEN FLAMES.

Hazardous Decomposition Products: OXIDES OF CARBON MAY FORM ON INCOMPLETE COMBUSTION.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods: WASTE MATERIAL SHOULD BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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