

THERMALLOY, INC -- THERMALCOTE JOINT COMPOUND -- 5970-01-013-3525

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Product Identification  
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Product ID:THERMALCOTE JOINT COMPOUND

MSDS Date:02/15/1994

FSC:5970

NIIN:01-013-3525

MSDS Number: CCSVF

=== 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:N

ONE RECOMMENDED

Ingred Name:ZINC OXIDE (SARA 313) (CERCLA)

CAS:1314-13-2

RTECS #:ZH4810000

Fraction by Wt: 48.7%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9596

Ingred Name:FUMED SILICA

Fraction by Wt: 0.9%

Other REC Limits:TLV=10 MG/M3

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===== Hazards Identification =====

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:THIS COMPOUND CONTAINS NO INGREDIENTS AT

CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT

CARCINOGENS.

Effects of Overexposure:INHALATION: COUGHING, WEAKNESS, NAUSEA. SKIN:

DERMATITIS, DRY SKIN. INGE

STION: LAXATIVE SYMPTOMS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:INHALATION: 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 =====

Flash Point Method:COC

Flash Point:610F,321C

Lower Limits:1%

Upper Limits:6%

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPPARATUS AND FULLY PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

===== 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:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

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

Supplemental Safety and Health

SHELF LIFE-UNLIMITED (UNOPENED). AFTER LONG STORAGE, STIRRING MAY BE NEEDED TO INSURE HOMOGENEOUS MIXTURE. THERMALCOTE IS NON-TOXIC, EXTREMELY STABLE, EXCELLENT INSULATOR. IMPROVES THERMAL ENERGY TRANSFER BETWEEN POWER COMPONENTS IN ELECTRICAL/ELECTRONIC ASSEMBLIES AND HEAT SINKS BY FILLIN

G VOIDS/GAPS BETWEEN SURFACES.

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

HCC:N1

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

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:8.0 @572F

Vapor Density:NOT GIVEN

Spec Gravity:1.6

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

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WHITE PASTE. MILD ODOR.

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

Stability Indicator/Mater

ials 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:PREVENT WASTE FROM CONTAMINATING SURROUNDING  
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR  
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE A  
ND LOCAL REGULATIONS.

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