

THERMALLOY CO INC -- THERMALCOTE -- 5790-01-111-5295

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===== Product Identification =====

Product ID:THERMALCOTE

MSDS Date:01/15/1992

FSC:5790

NIIN:01-111-5295

MSDS Number: BQMKM

=== Responsible Party ===

Company Name:THERMALLOY CO INC

Address:2021 W. VALLEY VIEW LANE

Box:810839

City:DALLAS

State:TX

ZIP:75234

Country:US

Info Phone Num:214-243-4321,EXT.227

Emergency Phone Num:214-243-4321

Preparer

's Name:KEITH MANDELL,APPL ENGR

CAGE:13103

==== 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

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===== Composition/Information on Ingredients =====

Ingred Name:ZINC OXIDE

CAS:1314-13-2

RTECS #:ZH4810000

Fraction by Wt: 39%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15MG/M3 TDUST/5 FUME

ACGIH TLV:10MG/M3 TDUST; 9293

Ingred Name:FUMED SILICA

CAS:112945-52-5

RTECS #:VV7310000

Fraction by Wt: 5.0%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV ZNO=5MG/M3

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INGEST:DELIBERATE INGESTION OF LARGE AMOUNTS MAY PRODUCE A LAXATIVE EFFECT.SKIN:PROLONGED CONTACT MAY CAUSE IRRITATION.INHAL:FUMES FROM HEATED MATERIEL MAY BE TOXIC.

Explan

ation of Carcinogenicity:RTECS 92-4 SHOWS REPRODUCTIVE AND MUTATION EFFECTS OF ZINC OXIDE FROM ORAL INTAKE BY RATS.

Effects of

Overexposure:INHAL:COUGHING,WEAKNESS,NAUSEA.SKIN:DERMATITIS,DRY SKIN.INGEST:LAXATIVE EFFECT.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL:REMOVE TO FRESH AIR.SKIN:WASH WITH SOAP AND WATER.INGEST:DRINK LARGE AMOUNTS OF WATER.EYES:FLUSH WITH WATER.

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ALL CASES CONTACT A PHYSICIAN IF SYMPTOMS PERSIST.

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===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:610F,321C

Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL,FOAM.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:THIS MATERIEL HAS LOW COMBUSTABILITY,BUT WHEN IT BURNS AT HIGH TEMPERATURES IT RELEASES SIO<sub>2</sub>,ZINC OXIDE AND OXIDES OF CARBON.

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

Spill Release Procedures:USE A CHLORINATED SOLVENT SUCH AS 1,1,1-TRICHLOROETHANE.

Neutralizing Agent:NONE.

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

Handling and Storage Precautions:KEEP CONTAINERS SEALED TO PREVENT MOISTURE FROM ENTERING.AVOID TEMPERATURES ABOVE 150F.

Other Precautions:NONE.

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

Respiratory Protection:NOT NORMALLY NEEDED.

Ventilation:PROVIDE LOCAL EXHAUST TO MANAGE FUMES.  
Protective Gloves:RUBBER OR PVC.  
Eye Protection:SAFETY GLASSES OR GOGGLES.  
Other Protective Equipment:PLASTIC OR RUBBER APRON.  
Work Hygienic Practices:FOLLOW GOOD PERSONAL HYGIENE PRACTICES.  
Supplemental Safety and Health  
NONE.

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

HCC:V7  
Boiling Pt:B.P. Text:788F,420C  
Vapor Pres:8.0  
Spec Gravity:1.6  
Evaporation Rate & Reference:1% AFTER 24HRS @392F  
Solubility in Water:INSOL  
UBLE  
Appearance and Odor:PASTE,SMOOTH,HOMOGENEOUS;WHITE;GREASE-LIKE ODOR

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

Stability Indicator/Materials to Avoid:YES  
MAGNESIUM AND CHLORINATED RUBBER.  
Stability Condition to Avoid:TEMPERATURES ABOVE 400F.  
Hazardous Decomposition Products:SILICON DIOXIDE,ZINC OXIDE,OXIDES OF  
CARBON,FORMALDEHYDE.

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

Waste Disposal Methods:AFTER CLEANUP,MATERIEL MAY BE RECOVERE  
D DURING  
SOLVENT RECLAMATION/MAY BE INCINERATED.FOLLOW FEDERAL,STATE AND  
LOCAL REGULATIONS.

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