

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

=====
===== 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

=====
===== 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

RT

ECS #:VV7310000
Fraction by Wt: 5.0%
Other REC Limits:NONE RECOMMENDED

===== 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.
Explanat
ion 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.

===== 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.IN ALL CASES CONTACT A PHYSICIAN IF SYMPTOMS PERSIST.

===== 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 SIO2,ZINC OXIDE AND OXIDES OF CARBON.

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

Spill Release Procedures:USE A CHLORINATED SOLVENT SUCH AS 1,1,1-TRICHLOROETHANE.
Neutralizing Agent:NONE.

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

Handling and Storage Precautions:KEEP CONTAINERS SEALED TO PREVENT MOISTURE FROM ENTERING.AVOID TEMPERATURES ABOVE 150F.
Other Precautions:NONE.

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

Respiratory Protection:NOT NORMALLY NEEDED.
V

entilation: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:INSOLUB
LE
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 RECOVERED
DURING
SOLVENT RECLAMATION/MAY BE INCINERATED.FOLLOW FEDERAL,STATE AND
LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to ver

ify and
assume responsibility for the suitability of this information to their
particular situation.