

SERMATECH INTERNATIONAL INC SUB OF TELEFEX INC -- SERMETEL 249 -- 8010-00-111-6384

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Product Identification
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Product ID:SERMETEL 249
MSDS Date:08/01/1997
FSC:8010
NIIN:00-111-6384
Status Code:A
MSDS Number: CJWRV
=== Responsible Party ===
Company Name:SERMATECH INTERNATIONAL INC SUB OF TELEFEX INC
Address:155 S LIMERICK RD
City:LIMERICK
State:PA
ZIP:19468-1603
Country:US
Info Phone Num:6
10-948-5100
Emergency Phone Num:215 948-5100
CAGE:58913
=== Contractor Identification ===
Company Name:SERMATECH INTERNATIONAL INC SUB OF TELEFEX INC
Address:155 S LIMERICK RD
Box:City:LIMERICK
State:PA
ZIP:19468-1603
Country:US
Phone:610-948-5100
CAGE:58913

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Composition/Information on Ingredients
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Ingred Name:ALUMINUM METAL POWDER
CAS:7429-90-5
RTECS #:BD0330000
Minumum % Wt:20.
Maxumum % Wt:40.
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:ZINC DUST
CAS:7440-6

6-6
RTECS #:ZG8600000
Minumum % Wt:20.
Maxumum % Wt:40.
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:AQUEOUS ALKALI SILICATE
CAS:1312-76-1
Minumum % Wt:20.
Maxumum % Wt:40.

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

Health Hazards Acute and Chronic:SKIN/EYES: MAY CAUSE IRRITATION.
INHALATION: IRRITATION TO LUNGS & MUCOUS MEMBRANES W/CHRONIC
INHALATION OF THE ATOMIZED MIST.
Effects of Overexposure:IRRITATION, TIGHTNESS OF CHEST, METALLIC TASTE,
CO
UGH, DIZZINESS, FEVER, CHILLS, HEADACHE, NAUSEA, DRY THROAT,
METAL FUME FEVER/ZINC SHAKES.

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

First Aid:EYES: IRRIGATE W/RUNNING WATER FOR 15 MINS. SKIN: RINSE
W/WATER. INGESTION: RINSE MOUTH THOROUGHLY W/WATER. DON'T INDUCE
VOMITING. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION
IN ALL CASE S.

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

Flash Point:NONE
Extinguishing Media:
CO2, SAND, DRY CHEMICAL
Fire Fighting Procedures:COATING CONTAINS FINELY DIVIDED ALUMINUM &
ZINC. DON'T USE WATER BASED EXTINGUISHING AGENTS.
Unusual Fire/Explosion Hazard:DIRECT CONTACT W/ACIDS MAY PRODUCE
HYDROGEN GAS.

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

Spill Release Procedures:ABSORB ONTO INERT INORGANIC ABSORBENT & FLUSH
AREA W/EXCESS WATER.

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

Handling and Storage Precautions:SH

ELF LIFE: 6 MONTHS WHEN STORED IN ORIGINAL CONTAINERS. STORAGE TEMP: 40-90F. DON'T FREEZE. STORE INSIDE IN ORIGINAL CONTAINERS. SHAKE BOTTLE & RELEASE CAP ONCE EVERY TWO WEEKS TO HELP MAINTAIN PIGMENT SUSPENSION & TO RELIEVE ANY PRESSURE.

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

Respiratory Protection:SUPPLIED AIR RESPIRATORS ARE RECOMMENDED FOR SPRAY APPLICATION.

Ventilation:SPRAY BOOTH SHOULD HAVE MINIMUM AIR FLOW OF 150 FT.

Protective Gloves:REQUIRED

Eye Protection:REQUIRED

Other Protective Equipment:APPLY COATING IN A CLEAN WELL VENTILATED AREA.

Work Hygienic Practices:SERMETEL 249 IS A SLURRY OF INORGANIC METAL PIGMENTS DISPERSED IN AN AQUEOUS ALKALI SILICATE SOLUTION. ALWAYS USE GOOD INDUSTRIAL HYGIENE PRACTICES WHEN HANDLING THIS PRODUCT.

Supplemental Safety and Health

SOLUBILITY: BINDER IS MISCIBLE; PIGMENT IS INSOLUBLE.

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

Vapor Pres:23.7

Vapor Density:0.7

ity:0.7

Spec Gravity:1.72-1.8

pH:10-12

Evaporation Rate & Reference:(WATER=1): 1

Solubility in Water:(SEE SUPP)

Appearance and Odor:GRAY PIGMENT SUSPENDED IN CLEAR BINDER; NO ODOR

Percent Volatiles by Volume:73

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

Stability Indicator/Materials to Avoid:YES

ACIDS, ALKALIS, STRONG OXIDIZING/REDUCING AGENTS

Stability Condition to Avoid:FREEZING

Hazardous Decomposition Products:HYDROGEN GAS

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

rations =====

Waste Disposal Methods: PIGMENT MAY BE FILTERED TO DISPOSE OF SEPARATELY. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

===== Other Information =====

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