

SERMATECH INTERNATIONAL INC. -- SERMETEL 249 -- 8010-00-111-6384
===== Product Identification =====

Product ID:SERMETEL 249
MSDS Date:01/01/1985
FSC:8010
NIIN:00-111-6384
MSDS Number: BBGYJ
=== Responsible Party ===
Company Name:SERMATECH INTERNATIONAL INC.
Emergency Phone Num:215 948-5100
CAGE:78710
=== Contractor Identification ===
Company Name:SERMATECH INTERNATIONAL INC
Address:155 SOUTH LIME
RICK ROAD
Box:City:LIMERICK
State:PA
ZIP:19468
Phone:(215) 948-5100
CAGE:78710

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

Ingred Name:ALKALI SILICATE SOLUTION

Ingred Name:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 29%
OSHA PEL:10 MG ZNO/M3
ACGIH TLV:10 MG ZNO/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ALUMINUM (SARA III)
CAS:7429-90-5
RTECS #:BD0330000
Fraction by Wt: 29%
OSHA PEL:15MG/M3 DUST/5 FUME
ACGIH TLV:10MG/M3 DUST;

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Hazards Identification =====

Effects of Overexposure:PROLONGED SKIN CONTACT WITH THE COATING LIQUID
MAY PRODUCE ALKALI BURNS.

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First Aid Measures =====

First Aid:CONTACT: DRENCH SKIN WITH WATER. SEVERE SKIN CONTACT MAY
REQUIRE MEDICAL ATTENTION. INGESTION: GIVE LARGE AMOUNTS OF WATER,
OBTAIN MEDICAL ATTENTION. INHALATION: OBTAIN MEDICAL ATTENTION.

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Fire Fighting Measure

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Flash Point:1700F

Extinguishing Media:CARBON DIOXIDE, SAND

Fire Fighting Procedures:DO NOT USE WATER BASED EXTINGUISHING AGENTS

Unusual Fire/Explosion Hazard:DIRECT CONTACT WITH ALKALIS OR ACIDS MAY
PRODUCE HYDROGEN GAS.

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Accidental Release Measures =====

Spill Release Procedures:FLUSH SPILLAGE WITH EXCESS WATER.

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Handling and Storage =====

Handling and Storage Precautions:STORE INSIDE BETW
EEN 40-90F

Other Precautions:USE OLDEST STOCK FIRST.

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Exposure Controls/Personal Protection =====

Ventilation:LOCAL EXHAUST

Protective Gloves:YES

Other Protective Equipment:HIGHLY EFFICIENT LOCAL EXHAUST SPRAY BOOTHS
REQUIRED.

Supplemental Safety and Health

SERMATECH INTERNATIONAL INC. 155 S. LIMERICK ROAD, LIMERICK, PA. 19468

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Physical/Chemical Properties =====

Boiling Pt:B.P. Text:220F

Vapor Pres:23.

Vapor Density:0.70

Spec Gravit

y:1.8

Evaporation Rate & Reference:1

Appearance and Odor:DARK METALLIC GRAY COLOR-NO ODOR

Percent Volatiles by Volume:71.5

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

Stability Indicator/Materials to Avoid:YES

ACIDS, ALKALIS, OXIDIZING AGENTS.

Stability Condition to Avoid:DO NOT FREEZE. STORE BETWEEN 40-90F.

Hazardous Decomposition Products:MAY PRODUCE HYDROGEN GAS IN CONTACT WITH ACIDS OR ALKALIS.

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

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Waste Disposal Methods:REMOVE PIGMENT BY FILTRATION, DISCARD AS SOLID WASTE. LIQUID PORTION WILL REQUIRE PH ADJUSTMENT WITH ACID TO A PH OF 7.-85.

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