

SERMATECH INTERNATIONAL INCORPORATED -- SERMETEL 196 -- 8010-00-409-3810

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Product Identification
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Product ID:SERMETEL 196

MSDS Date:01/01/1990

FSC:8010

NIIN:00-409-3810

MSDS Number: BYNYJ

=== Responsible Party ===

Company Name:SERMATECH INTERNATIONAL INCORPORATED

Address:155 SOUTH LIMERICK ROAD

City:LIMERICK

State:PA

ZIP:19468

Country:US

Info Phone Num:610-948-5100

Emergency Phone Num:6

10-948-5100

Preparer's Name:KEVIN EDDINGER

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 (POWDER) *95-3*

CAS:7429-90-5

RTECS #:BD0330000

Fraction by Wt: 30-50%

OSHA PEL:15 MG/CUM

ACGIH TLV:10 MG/CUM (DUST)

Ingred Name:NON-HAZARDOUS ING

REDIENTS

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:COATING MAY CAUSE SKIN & EYES
IRRITATION. INHALATION OF ATOMIZED MIST MAY CAUSE LUNG & MUCOUS
MEMBRANES IRRITATION.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION.

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

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

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

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

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

Spill Release Procedures:ABSORB ONTO SAND/OTHER INERT ABSORBANT & FLUSH
AREA W/EXCESS WATER.

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

Handling and Storage Precautions:STORE INSIDE IN ORIGINAL CONTAINERS.
STORE BETWEEN 40-90F. PRODUCT HAS A SHELF LIFE OF 1 YEAR. APPLY
COATING IN A CLEAN WELL VENTILATED AREA.

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Exposure Controls/Personal Protection =====

Respiratory Protection:WEAR AN APPROVED NIOSH RESPIRATOR FOR SPRAY APPLICATION.

Ventilation:SPRAY BOOTH SHOULD HAVE MINIMUM AIR VELOCITY OF 150 FT/MIN.

Protective Gloves:REQUIRED

Eye Protection:REQUIRED

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICES WHEN HANDLING THIS PRODUCT.

Supplemental Safety and Health

SOLUBILITY IN WATER: BINDER IS MISCIBLE, PIGMENT IS INSOLUBLE. PH: 10.5-12. SERMETEL 196 IS A SLURRY OF INOR

GANIC METAL PIGMENTS

SUSPENDED IN AN AQUEOUS ALKALI SILICATE SOLUTION.

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

Vapor Pres:23.7

Vapor Density:0.7

Spec Gravity:1.5

pH:(SUPP)

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

Solubility in Water:(SEE SUPP)

Appearance and Odor:GRAY PIGMENT SUSPENDED IN CLEAR BINDER W/NO ODOR.

Percent Volatiles by Volume:70

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

Stability Indicator/Materials to Avoid:YES

ACIDS, ALKALIS, STRONG OXIDIZING/REDUCING AGENTS.

Hazardous Decomposition Products:HYDROGEN GAS.

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

Waste Disposal Methods:FILTER PIGMENT & DISPOSE OF AS HAZARDOUS WASTE.

DILUTE BINDER W/EXCESS WATER & ADJUST PH TO NEUTRALITY. DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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