

UNITED STATES BRONZE POWDERS, INC. -- TT-P-320,ALUMINUM PASTE,EXTRA FINE --
8010-00-247-8723

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

Product ID:TT-P-320,ALUMINUM PASTE,EXTRA FINE

MSDS Date:01/01/1987

FSC:8010

NIIN:00-247-8723

MSDS Number: BDNNQ

=== Responsible Party ===

Company Name:UNITED STATES BRONZE POWDERS, INC.

Address:ROUTE 202

Box:31

City:FLEMINGTON

State:NJ

ZIP:08822-9122

Country:US

CAGE:78901

=== Contractor Identification ===

Company Name:UNITED STATES BRONZE POWDERS CO INC

Address:ROUTE 202

Box:31

City:FLEMINGTON

State:NJ

ZIP:08822-9122

Country:US

CAGE:78901

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

Ingred Name:ALUMINUM (SARA III)

CAS:7429-90-5

RTECS #:BD0330000

Fraction by Wt: 65%.

OSHA PEL:15MG/M3 DUST/5 FUME

ACGIH TLV:10MG/M3 DUST; 9192

Ingred Name:NAPHTHA (PETROLEUM SPIRITS OR BENZIN)

CAS:8030-30-6

RTECS #:SE7555000

Fraction by Wt: 35%.

OSHA PEL:1

00 PPM

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Hazards Identification
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Effects of Overexposure: ANESTHETIC-HEADACHE, NAUSEA, UNCONSCIOUSNESS

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First Aid Measures
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First Aid: INHALATION: IMMEDIATELY REMOVE TO FRESH AIR. CALL MD. GIVE ART. RESP. IF NECESSARY. SKIN: REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY W/PLENTHY OF WATER. CALL MD IMMEDIATELY. EYE: IMMEDIATELY FLUSH W/WATER FOR AT LEAST 15 MINS. CALL MD.

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Fire
Fighting Measures
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Flash Point: 104F TCC
Lower Limits: 0.9
Upper Limits: 6.0
Extinguishing Media: DRY POWDER, CO*2, FOAM
Fire Fighting Procedures: STANDARD FIRE FIGHTING EQUIPMENT
Unusual Fire/Explosion Hazard: NONE

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Accidental Release Measures
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Spill Release Procedures: KEEP OUT OF SEWERS. DIKE SPILLAGE AREA AS SOON AS POSSIBLE. UTILIZE SAND OR EARTH. SHUT OFF VALVES & PUMPS IMMEDIATELY.

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Handling and Storage
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Handling and Storage Precautions: KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND WATER. KEEP CONTANERS CLOSED. USE ONLY W/ADEQUATE VENTILATION. USE NON-FERROUS TYPE TOOLS
Other Precautions: AVOID PROLONGED OR REPEATED BREATHING OF VAPORS AND CONTACT W/SKIN. PASTE DRUM LIDS SHOULD BE VENTED PRIOR TO OPENING.

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Exposure Controls/Personal Protection
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Respiratory Protection: NIOSH/MSHA APPROVED SELF-CONTANED SYSTEM ORGANIC CANNISTER
Ventil

ation:ADEQUATE VENTILATION
Protective Gloves:NEPRENE RUBBER
Eye Protection:SFTY GOGS W/SDE SHIELDS
Other Protective Equipment:FACE SHIELDS, APRONS, ARM GUARDS, PROTECTIVE CREAMS
Supplemental Safety and Health
SPECIFIC GRAVITY & BOILING PT ARE GIVEN FOR SOLVENT.MFG SUGGESTS TLV OF 500 PPM BASED ON SOLVENT. TYPE 2, CL.A PASTE

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

HCC:F4
Boiling Pt:B.P. Text:307F
Vapor Pres:1
Vapor Density:4.7
Spec Gravity:0.794
Evaporation
Rate & Reference:0.06 TOLVENE
Solubility in Water:NEGLIGIBLE
Appearance and Odor:PASTE, METALLIC WHITE

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

Stability Indicator/Materials to Avoid:YES

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

Waste Disposal Methods:MFG SUGGESTS SATURATED SAND OR EART MAY BE Poured ON DRY SAND,EARTH OR ASHES AT A SAFE DISTANCE FROM OCCUPIED AREAS & ALLOWED TO EVAPORATE. DISPOSE IN ACCORDANCE W/LOCAL, STATE & FED CODES.

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rticular situation.