

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 BR

ONZE 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:100 PPM

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

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Effects of Overexposure:ANESTHETIC-HEADACHE,NAUSEA, UNCONSCIOUSNESS

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

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

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

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

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

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

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

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.

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

Respiratory Protection:NIOSH/MSHA APPROVED SELF-CONTANED SYSTEM ORGANIC CANNISTER  
Ventilation: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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