



MATERIAL SAFETY DATA SHEET

Aladdin #96 Silver Brazing Flux

DATE REVISED: June 1, 2011

Distributed by: Aladdin Welding Products, Inc. Ph: 616-243-2531
1300 Burton St. SE Fx: 616-243-9233
Grand Rapids, MI 49507 Website: www.aladdin3in1.com
Manufactured by: Contact for Information Email: welder@aladdin3in1.com
Emergency Phone Number: 1-800-424-9300 (CHEMTREC)

To the Purchaser: This MSDS contains important environmental, health, and toxicology information for your employees who have ordered this product. Please be sure this information is given to them. If you resell this product, a copy of the MSDS should be given to the buyer.

H.M.I.S. Information: HEALTH = 2 FLAMMABILITY = 0 REACTIVITY = 0

SECTION I -- IDENTIFICATION

Common Name: Aladdin #96 **Chemical Family:** Silver Brazing Paste Flux
CAS Number: NA **Chemical Name:** NA
Formula: See Below

SECTION II - COMPOSITION INFORMATION

Components	CAS Number	%	OSHA PEL
Potassium Fluoroborate	12228-71-6	30-45	2.5PPM
Potassium Tetraborate	1332-77-0	15-25	5.0PPM
Boric Acid	10043-35-3	15-30	10PPM
Potassium Fluoroborate	14075-53-7	7-15	2.5PPM

SECTION III - HEALTH HAZARDS

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Remove to Fresh Air
Eyes: Flush with Water for 10 Minutes. Call Physician.
Skin: Wash Thoroughly with Water.
Ingestion: If Patient is Fully Conscious, Give Two Glasses of Water and Induce Vomiting. Obtain Medical Attention Immediately.

Primary Routes of Entry into Body: Fume Inhalation, Ingestion, Skin, and Eyes.

Symptoms of Overexposure: Salvation, Coughing, Choking, Chills, May Cause Weight Loss, Brittle Bones, Anemia, and Stiff Joints.

Medical Conditions Generally Aggravated by Exposure: Any Weakness of the Lungs, Kidneys or Liver will be Aggravated..

Chemical Listed as Carcinogen or Potential Carcinogen: None

OSHA Permissible Exposure Limit (PEL): 2.5PPM

ACGIH Threshold Limit Value (TLV): 2.5PPM

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: (Method Used): None
Extinguishing Media: Not Needed
Special Fire Fighting Procedures: Normal Caution When Using Chemicals
Unusual Fire and Explosion Hazards: Fluorides
Flammable Limits: Lower-NA, Upper-NA
Auto Ignition Temperature: None

SECTION V - ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Spilled: Clean up Paste and Flush Remaining Material with Lots of Water.

SECTION VI - STABILITY AND REACTIVITY

Stability: Product is Stable
Incompatibility: Glass or Porcelain
Hazardous Decomposition Products: Fluorides with High Heat.
Hazardous Polymerization: Will Not Occur
(Conditions to Avoid): Excess Heat
(Conditions to Avoid): NA

SECTION VII - CONTROL MEASURES

Ventilation: Yes
Protective Gloves: Recommend, NIOSH Approved
Mechanical (General): Yes
Respiratory Protection (Type): NIOSH Approved Respirator.
Other Protective Clothing or Equipment: Rubber Apron
Local Exhaust: Yes
Eye Protection: Safety Goggles

SECTION VIII - HANDLING AND STORAGE

Precautions to be Taken in Handling and Storage: Store in Plastic Containers in Cool Area. Do Not Store in Glass or Porcelain Container. Wash Thoroughly After Use.
Work/Hygienic Practices: Avoid Contact with Skin, Eyes and Clothing.
Other Precautions: Keep Container Away From Excessive Heat.

SECTION IX - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point: NA
Vapor Pressure (mm Hg): NA
Vapor Density (Air = 1): NA
Melting Point: 500 C
Reactivity in Water: None
Specific Gravity (Water = 1): 1.6
Percent Volatile by Volume: 30%
Evaporation Rate (Butyl Acetate = 1): 0.3
Solubility in Water: Moderate
Appearance and Odor: White Odorless Paste

SECTION X - TRANSPORTATION AND DISPOSAL CONSIDERATIONS

D.O.T. Proper Shipping Name: Non-Hazardous
Identification Number: NA
Type D.O.T Label Required Information: NA
Waste Disposal Method: Dispose in Accordance with EPA Regulations.
Hazard Class: NA
Packing Group: NA

Judgments as to the suitability of information herein or the purchaser's purposes are necessarily the purchaser's responsibility. Reasonable care has been taken in the preparation of this material, but there are NO WARRANTIES, NO REPRESENTATIONS, AND NO RESPONSIBILITY AS TO THE ACCURACY OR THE SUITABILITY OF THIS INFORMATION FOR ANY PURCHASER'S USE OR FOR ANY CONSEQUENCE TO USE.

MSDS -