SAFETY DATA SHEET Flux-17

DATE REVISED: 02/17/2014

Product Name: Aufhauser Flux-17

Manufacturer: Aufhauser Corporation 39 West Mall Plainview, NY 11803

Emergency Phone Number: 1-800-645-9486 Other Information Calls: (516) 694-8696

To the Purchaser: This SDS 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 SDS should be given to the buyer.

H.M.I.S. INFORMATION: HEALTH = 2FLAMMABILITY = 3 REACTIVITY = 3

SECTION I - IDENTIFICATION

Common Name: Flux-14 Chemical Family: Aluminum Brazing Flux

CAS Number: NA Chemical Name: NA

Formula: See Below

SECTION II - HEALTH HAZARDS

EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with Water for 10 Minutes. Call a Physician.

Skin: Wash Thoroughly with Water.

Inhalation: Remove to Fresh Air

Ingestion: If Patient is Fully Conscious, Give Two Glasses of Water and Induce Vomiting. Obtain

Medical Attention Immediately.

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

Symptoms of Overexposure: Pulmonary Edema, Abdominal Painn, Vomiting, Eye Damage and Skin

Burn.

Medical Conditions Generally Aggravated by Overexposure: Unknown.

Chemical Listed as a Carcinogen or Potential Carcinogen: None

OSHA Permissible Exposure Limit (PEL): 2.5 PPM **ACGIH Threshold Limit Value (TLV):** 2.5 PPM

SECTION III - COMPOSITION INFORMATION				
Components	CAS Number	%	OSHA PEL	
Potassium Chloride	7447-40-7	20-30	10.0 PPM	
Sodium Chloride	7647-14-5	45-60	10PPM	
Lithium Fluoride	7789-24-4	8-20	2.5 PPM	
Sodium Fuoride	7681-49-4	8-20	2.5 PPM	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): NA Flammable Limits: Lower-NA, Upper-NA

Extinguishing Media: Dry Chemical. CO2, Foam Auto Ignition Temperature: None

Special Fire Fighting Procedures: Normal Caution When Using Chemicals

Unusual Fire and Explosion Hazards: Fluorides

SECTION V - ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Spilled: Netralize with Soda ash or sodium bicarbonate, dilute with water and dispose of in accordance with EPA regulations.

SECTION VI – STABILITY AND REACTIVITY

Stability: Product is stable (Conditions to Avoid): Metals

Incompatibility: Alkaline, Strong Oxidizing or Reducing Materials, Cyanides or Sulfides.

Hazardous Decomposition Products: Fluorides with High Heat.

Hazardous Polymerization: Will Not Occur (Conditions to Avoid): Excessive heat or cold.

SECTION VII - CONTROL MEASURES

Respiratory Protection (TYPE): NIOSH Approved Respirator. **Ventilation:** Yes **Mechanical (General):** Yes **Local Exhaust:** Yes

Eye Protection: Safety Goggles

Protective Gloves: Recommended, NIOSH Approved

Other Protective Clothing or Equipment: Rubber apron, gloves, eye protection, face mask.

SECTION VIII - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point: NA Specific Gravity (Water = 1): 1.6 Vapor Pressure (mm Hg): NA Percent Volatile by Volume: 1.0%

Vapor Density (Air = 1): NA

Melting Point: 815 C / 1500 F

Evaporation Rate (Butyl Acetate = 1): NA

Solubility in Water: Unlimited

Reactivity in Water: None **Appearance and Odor: White Odorless Paste**

SECTION IX - 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 X - TRANSPORTATION AND DISPOSAL CONSIDERATIONS

D.O.T. Proper Shipping Name: Non-Hazardous

Identification Number: NA

Packing Group: NA

Type D.O.T Label Required Information: NA

Waste Disposal Method: Dispose of in Accordance with EPA Regulations

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