

NAPA SOLDERING PASTE FLUX

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



Material Safety Data Sheet
to be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

IDENTITY (As Used on Label and List)
BALKAMP 770-1922 ALPHA 51015

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I - GENERAL INFORMATION

Manufacturer's Name
ALPHA METALS INC.
Address (Number, Street, City, State, and ZIP Code)
600 ROUTE 440
JERSEY CITY, NEW JERSEY 07304

Emergency Telephone Number
CHEMTREC 1-800-424-9300 (DAY or NIGHT)
Telephone Number for Information
201-434-6778
Date Prepared
JAN. 12, 1988
Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
ZINC CHLORIDE FUME 7546-86-7	1 mg/cum	1 mg/cum		10 - 25
		Stel 2 mg/cum		

Section III - Physical/Chemical Characteristics

Boiling Point Deg. F (760 mm Hg)	NA	Specific Gravity (H ₂ O = 1)	NA
Vapor Pressure (mm Hg.) (at 20 Deg. C)	NA	Melting Point	NA
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water Negligible	pH		NA
Appearance and Odor Amber color, solid paste, negligible odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Deg. F C.O.C. > 400	Flammable Limits (% by volume in Air)	LEL NE	UEL NE
Extinguishing Media Dry chemical or carbon dioxide			
Special Fire Fighting Procedures NONE			
Unusual Fire and Explosion Hazards NONE			

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	XX	NONE

Incompatibility (Materials to Avoid)
Strong oxidizing agents and alkalis.

Hazardous Decomposition or Byproducts
Burning may produce carbon monoxide, carbon dioxide and chloride fumes.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	XX	NONE

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	YES	YES	YES

Health Hazards (Acute and Chronic)

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
NONE			

Signs and Symptoms of Exposure

Irritant to respiratory system when heated. Chemical burn to digestive system, fatal if swallowed contact with skin may cause dermatitis. May burn eye surface.

Medical Conditions

Generally Aggravated by Exposure. INHALATION: Irritant to respiratory system.

INGESTION: Chemical burn to digestive system, fatal if swallowed.

SKIN: NOT CLASSIFIED as a skin absorbent. EYES: May burn eye surface.

Emergency and First Aid Procedures. INHALATION: Remove individual to fresh air administer oxygen if necessary. INGESTION: DO NOT INDUCE VOMITTING drink 1 - 2 glasses of milk or water and take patient to hospital immediately. SKIN: Wash exposed area with soap and water remove contaminated clothing eye. Flush with large amounts of water lifting upper and lower lids get medical attention.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Released or Spilled

Product is in paste form, using acid resistant gloves wipe up and clean with soap and water.

Waste Disposal Method

Must be in accordance with Federal, State and Local Laws and Regulations.

Precautions to Be Taken in Handling and Storing

Observe precautions for acidic material. Keep container closed when not in use. Read all container labels.

Other Precautions

Since empty containers may retain product residues all labeled hazard precautions must be observed. FOR INDUSTRIAL USE ONLY KEEP OUT THE REACH OF CHILDREN DO NOT TAKE INTERNALLY.

Section VIII — Control Measures**Respiratory Protection (Specify Type)**

If threshold limit is exceeded when heated use MSHA/NIOSH approved respirator.

Ventilation	Local Exhaust	Special
	Provide sufficient mechanical ventilation to maintain exposure levels below TLVs	Other

Protective Gloves: Wear resistant gloves such as rubber, neoprene or plastic. Eye Protection: Safety glasses in compliance with OSHA are advised. Provide eye bath near work area.

Other Protective Clothing or Equipment

Work Hygiene Practices