

**THIS INFORMATION AND DATA ARE TAKEN FROM SOURCES BELIEVED TO BE RELIABLE AND ARE CORRECT BUT CANNOT BE WARRANTED BY THE MANUFACTURER. USER IS RESPONSIBLE TO DETERMINE SUITABILITY OF MATERIAL FOR A SPECIFIC APPLICATION.

SWEST, INC.

MATERIAL SAFETY DATA SHEET

Page 1

SWEST PRODUCT NAME

DANDY FLUX
510-802 - 510-804

ISSUE DATE:
9/8/92

SWEST, INC.

11090 N. Stemmons Frwy.
Dallas, Texas 75229

EMERGENCY PHONE NO.

1-800-255-3924

PRODUCT IDENTIFICATION

SYNONYMS: Silver Solder Flux

CAS NO.: See below

HAZARDOUS SUBSTANCES:	INGREDIENTS:	CAS NO.	% BY WT.	T.L.V.
	POTASSIUM BIFLUORIDE	#7789-29-9	10-30%	2.5 MG/M ³
	POTASSIUM FLUOBORATE	#14075-53-7	5-20%	2.5 MG/M ³
*NON-HAZARDOUS SUBSTANCE	*POTASSIUM TETRABORATE	#1332-77-0	25-25%	NA
	POTASSIUM FLUORIDE	#7789-23-3	5-15%	2.5 MG/M ³
	*BORIC ACID	#10043-35-3	25-40%	NA
	*WATER	#7732-18-5	15-35%	NA

WARNING STATEMENTS**Health Hazards**

- Chronic & Acute): 1) ACUTE OVEREXPOSURE: SALIVATION, COUGHING, CHOKING & CHILLS. 2) CHRONIC OVEREXPOSURE: MAY CAUSE WEIGHT LOSS BRITTLE BONES, ANEMIA, WEAKNESS & STIFF JOINTS. 3) MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: ANY WEAKNESS OF THE LUNGS, KIDNEYS OR LIVER WILL BE AGGRAVATED.

EMERGENCY & FIRST AID PROCEDURES

- 1) INHALATION: REMOVE FROM CONTAMINATED AREA.
- 2) EYES: WASH THOROUGHLY WITH WATER AND CALL A PHYSICIAN.
- 3) SKIN: WASH THOROUGHLY WITH WATER.
- 4) INGESTION: DRINK WATER OR MILK AND CALL A PHYSICIAN.

Signs & Symptoms of Exposure: LISTED ABOVE.

RE PROTECTION INFORMATION

FLASH Point: NONE

Extinguishing Media: NORMAL CAUTION WHEN DEALING WITH FLUX CHEMICALS.

UNUSUAL FIRE & EXPLOSION HAZARDS: WILL RELEASE HYDROFLUORIC ACID AND BORON TRIFLUORIDE FUMES UPON DECOMPOSITION.

MATERIAL SAFETY DATA DANDY FLUX

SWEST, INC.

DANDY FLUX

MATERIAL SAFETY DATA SHEET

Page 2

OCCUPATIONAL CONTROL PROCEDURES

Eye Protection: SAFETY GOGGLES

Skin Protection: RUBBER OR PLASTIC COATED GLOVES

Respiratory Protection: NIOSH APPROVED RESPIRATOR IN ABSENCE OF PROPER VENTILATION

Ventilation: TO REMOVE FUMES: LOCAL EXHAUST: X MECHANICAL: X

Other Protective Clothing
or Equipment: RUBBER APRON.**REACTIVITY DATA**

Materials To Avoid: GLASS OR PORCELAIN CONDITIONS TO AVOID: EXCESS HEAT.

Hazardous Decomposition

Products: HYDROFLUORIC ACID AND BORON TRIFLUORIDE FUMES.

Hazardous Polymerization: WILL NOT OCCUR.

Stability: STABLE

SPILL, LEAK, & DISPOSAL INFORMATION

Waste Disposal: DISPOSE IN ACCORDANCE WITH LOCAL & STATE EPA REGULATIONS.

Spill or Leakage Procedures: CLEAN UP PASTE AND FLUSH REMAINING MATERIAL WITH LOTS
OF WATER.

Precautions for Handling

and Storing: DO NOT STORE IN GLASS OR PORCELAIN CONTAINERS. AVOID CONTACT
WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. KEEP
CONTAINERS AWAY FROM EXCESSIVE HEAT.**PHYSICAL DATA**

Appearance & Odor: WHITE ODORLESS PASTE

Vapor Pressure: NA

Solubility in Water: MODERATE

Boiling Point: NA

Melting Point: -

Specific Gravity: 1.6

Evaporation Rate: 0.3

Vapor Density: NA

MATERIAL SAFETY DATA
DANDY FLUX