

MATERIAL SAFETY DATA SHEET

CODE: M/L137

This Material Safety Data Sheet complies with
the U.S. OSHA Hazard Communication
Standard 29CFR 1910.1200

320207

**TARACORP****PRODUCT: TARAMET™ BRAZING FLUX**

NFPA/HMIS HAZARD CODES: HEALTH: 2 FIRE: 0/0 REACTIVITY: 0/0 SPECIAL: NA

0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

SECTION I IDENTIFICATION

SUPPLIER NAME: Taracorp
1690 Lowery Street
Winston-Salem, NC 27101
ISSUE DATE: March 2003
EMERGENCY PHONE: 800-424-9300
(Transportation/Chemtrec)

INFORMATION PHONE: 336-777-8600

SECTION II COMPOSITION INFORMATION

INGREDIENT	CAS NO.	US OSHA PEL	%
Potassium Fluoroborate	12228-71-6	2.5 mb/m ³	30-45
Potassium Tetraborate	1332-77-0	5.0 mg/m ³	15-25
Boric Acid	10043-35-3	10 mg/m ³	15-30
Potassium Fluoroborate	14075-53-7	2.5 mg/m ³	7-15

PEL=Permissible Exposure Limit

SECTION III HEALTH HAZARDS

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: Salivation, coughing, choking, chills, may cause weight loss, brittle bones, anemia, and stiff joints.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE: Any weakness of the lungs, kidneys or liver will be aggravated.
CHEMICAL LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN: None
OSHA PERMISSABLE EXPOSURE LIMIT (PEL): 2.5 mg/m³
ACGIH THRESHOLD LIMIT VALUE (TLV): 2.5 mg/m³

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None
FLAMMABLE LIMITS: Lower-N/A, Upper-N/A
EXTINGUISHING MEDIA: Not needed
AUTO IGNITION TEMPERATURE: None
SPECIAL FIRE FIGHTING PROCEDURES: Normal cautions when dealing with chemicals.
UNUSUAL FIRE & EXPLOSION HAZARDS: Fluorides

SECTION V ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED:
Clean up paste and flush remaining materials with lots of water.

SECTION VI HANDLING AND STORAGE

STORAGE REQUIREMENT: Store in plastic containers in cool area, away from heat. Do not store in glass or porcelain container. Wash thoroughly after use.

HANDLING PRECAUTIONS: Safe precautionary practices to avoid spills and exposure to skin and fumes.

SECTION VII CONTROL MEASURES

RESPIRATORY PROTECTION (TYPE): NIOSH Approved Respirator

MECHANICAL (GENERAL): Yes

EYE PROTECTION: Safety glasses/goggles

PROTECTIVE GLOVES: Recommended, NIOSH approved

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Rubber Apron.

VENTILATION: Yes

LOCAL EXHAUST: Yes

SECTION VIII PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: N/A **SPECIFIC GRAVITY (WATER=1):** 1.6

VAPOR PRESSURE (mm Hg): N/A **PERCENT VOLATILE BY VOLUME:** 30%

VAPOR DENSITY (AIR=1): N/A **EVAPORATION RATE (BUTYL ACETATE=1):** 0.3

MELTING POINT: 500 C **SOLUBILITY IN WATER:** Moderate

REACTIVITY IN WATER: None **APPEARANCE AND ODOR:** White, odorless paste

SECTION IX STABILITY AND REACTIVITY

STABILITY: Product is stable

(CONDITIONS TO AVOID): Excess heat.

INCOMPATIBILITY: Glass or porcelain.

HAZARDOUS DECOMPOSITION PRODUCTS: Fluorides with high heat.

HAZARDOUS POLYMERIZATION: Will not occur

(CONDITIONS TO AVOID): N/A

SECTION X TRANSPORTATION AND DISPOSAL CONSIDERATIONS

D.O.T. PROPER SHIPPING NAME: Non-hazardous

HAZARD CLASS: N/A

IDENTIFICATION NUMBER: N/A

PACKING GROUP: N/A

TYPE D.O.T. LABEL REQUIRED INFORMATION: N/A

WASTE DISPOSAL METHOD: Dispose of in accordance with EPA regulations

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