



SOLDERING FLUX

MSDS Number

BBKJL

National Stock Number

6520-00F002019

Product Name

SOLDERING FLUX

Manufacturer

AUSTENAL INC

Product Identification

Product ID: SOLDERING FLUX
MSDS Date: 01/01/1987
FSC: 6520
NIIN: 00F002019
MSDS Number: BBKJL

Responsible Party

AUSTENAL INC
4101 W 51ST ST
CHICAGO , IL 60632
US
Emergency Phone: 312-735-0601
Info Phone: 800-621-0381
Cage: 67532

Contractor

AUSTENAL INC
UNKNOW
CHICAGO, IL 60632
US
800-621-0381
Cage: 67532

Ingredients

FLUORIDES
Fraction By Weight: 34%
ACGIH TLV: 2.5 MG/CUM

BORATE COMPOUND

Hazards

Routes of Entry: Inhalation: YES Skin: NO Ingestion: YES
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: INGESTION: POISONOUS. SKIN:
IRRITATION. INHALATION: IRRITATE MUCOUS MEMBRANES.
Explanation of Carcinogenicity: NONE
Effects of Overexposure: SKIN: DERMATITIS.

First Aid

First Aid: INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION



IF BREATHING HAS STOPPED. INGESTION: INDUCE VOMITING BY STICKING FINGER DOWN THROAT OR BY GIVING SOAPY OR STRONG SALTY WATER TO DRINK. REPE AT UNTIL VOMIT IS CLEAR. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. EYES/SKIN: WASH W/PLENTY OF WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Accidental Release

Spill Release Procedures:DILUTE & WASH SPILLAGE W/WATER. AVOID HIGH TEMP. WEAR PROTECTIVE EQUIPMENT.

Handling

Handling and Storage Precautions:MAINTAIN FLUX AT NORMAL ROOM TEMPERATURES. THIS FLUX IS OFTEN USED W/BRAZING FILLER METALS CONTAINING CADMIUM.

Other Precautions:AVOID CONTACT W/SKIN & EYES.

Exposure Controls

Respiratory Protection:FOR BRAZING IN RESTRICTED SPACES, USE BUREAU OF MINES APPROVED HOSE TYPE C RESPIRATOR OR SELF CONTAINED AIR OR OXYGEN.

Ventilation:PROVIDE LOCAL EXHAUST TO REDUCE FLUORIDE IN BRAZED AREA BELOW TLV.

Protective Gloves:RUBBER OR SUITABLE PLASTIC

Eye Protection:STANDARD GOGGLES

Other Protective Equipment:PROVIDE BODY PROTECTION IN FORM OF LAB COAT OR CLOTHING.

Supplemental Safety and Health

THOUGHT SHOULD BE GIVEN TO THE BASE METALS BEING JOINED & TO POSSIBLE BASE METAL COATING WHICH COULD EMIT FUMES ON HEATING, DEPENDING ON THEIR PARTICULAR CHEMISTRY.

Chemical Properties

Boiling Pt:B.P. Text:>212F

Spec Gravity:1.7

pH:8

Appearance and Odor:DARK BROWN PASTE, NO ODOR.

Stability

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:FLOURIDE & ZINC OXIDE FUMES MAY BE EMITTED ON HEATING DURING BRAZING.

Disposal

Waste Disposal Methods:LOCAL REGULATIONS MAY REQUIRE THE REMOVAL OF FLOURIDES. FILTER W/ORGANIC ACID TO PH 8.5. DISPOSE PRECIPITATE THROUGH A LICENSED DIRPOSAL FIRM OR APPROPRIATE DUMP SITE. ALTERNATELY, DILUTE EFFLUENT W/W ATER TO ACCEPTABLE CONCENTRATION & FLUSH TO SEWER.

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