

Manufacturer of Precision Tools and Equipment

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MANUFACTURE INFORMATION

GROBET FILE CO. OF AMERICA, INC.
750 WASHINGTON AVE.
CARLSTADT, NJ 07072

EMERGENCY PHONE.....: 800-255-3924
PREPARATION/REVISION DATE: 05/21/98

TRADE NAME/SYNONYMS...: PASTE FLUX-DANDIX 1-1/2 OZ
CHEMICAL NAME/SYNONYMS: SUPERIOR NO.6
CHEMICAL FAMILY.....: SILVER BRAZING PASTE FLUX
FORMULA.....:
PRODUCT CODE.....: 54.440

***** HAZARDOUS INGREDIENTS *****

DOES PRODUCT CONTAIN HAZARDOUS INGREDIENTS? (Y,N,N/A,N/I) : Y

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
POTASSIUM TETRABORATE	1332-77-0	20-40	5.0PPM	N/I
POTASSIUM FLUOROBORATE	14075-53-7	25-50	2.5PPM	2.5PPM

DOES PRODUCT CONTAIN CARCINOGENS (NTP, IARC, OR OSHA)? (Y,N,N/A,N/I): N

***** HEALTH HAZARD DATA *****

HEALTH EFFECTS (ACUTE AND CHRONIC)

SYMPTOMS OF OVEREXPOSURE: SALVATIION, COUGHING, CHOKING, CHILLS, MAY CAUSE
WEIGHT LOSS, BRITTLE BONES, ANEMIA AND STIFF JOINTS.

PRIMARY ROUTES OF ENTRY

FUME INHALATION, INGESTION, SKIN AND EYES

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

ANY WEAKNESS OF THE LUNGS, KIDNEYS OR LIVER WILL BE AGGRAVATED.

EMERGENCY FIRST AID PROCEDURES

INHALATION; REMOVE TO FRESH AIR

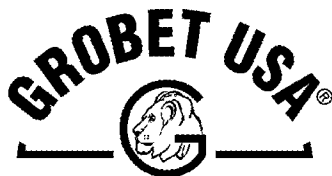
EYES; FLUSH WITH WATER FOR 10 MINUTES. CALL PHYSICIAN

SKIN; WASH THOROUGHLY WITH WATER.

INGESTION; IF PATIENT IS FULLY CONCIIOUS, GIVE LARGE AMOUNTS OF WATER. OBTAIN
MEDICAL ATTENTION IMMEDIATELY.

***** CHEMICAL DATA *****

BOILING POINT(F)....	N/A	SPECIFIC GRAVITY(WATER=1).....	1.6
VAPOR PRESSURE(MMHG)	N/A	PERCENT VOLATILE BY VOLUME(%).....	30%
VAPOR DENSITY(AIR=1)	N/A	EVAP RATE(BUTLY ACETATE =1)	0.3



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SOLUBILITY IN WATER.. MODERATE

APPEARANCE AND ODOR INFORMATION

WHITE ODORLESS PASTE

***** PHYSICAL HAZARD DATA *****

FLASH POINT (METHOD USED) NONE FLAMMABLE LIMITS-LEL= N/A UEL= N/A

EXTINGUISHING MEDIA

NOT NEEDED

SPECIAL FIRE FIGHTING PROCEDURES

NORMAL CAUTION WHEN USING CHEMICALS

UNUSUAL FIRE AND EXPLOSION HAZARDS

FLOURIDES

***** REACTIVITY DATA *****

INCOMPATIBILITY (MATERIALS TO AVOID)

GLASS OR PORCELAIN

HAZARDOUS DECOMPOSITION PRODUCTS

FLOURIDES WITH HIGH HEAT

WILL HAZARDOUS POLYMERIZATION OCCUR

WILL NOT OCCUR

CONDITIONS TO AVOID/POLYMERIZATION

N/A

IS THE PRODUCT STABLE

YES

CONDITIONS TO AVOID/STABILITY

EXCESS HEAT

***** SPILL AND LEAK PROCEDURES *****

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

CLEAN UP PASTE AND FLUSH REMAINING MATERIAL WITH LOTS OF WATER.



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WASTE DISPOSAL METHOD
DISPOSE IN ACCORDANCE WITH EPA REGULATIONS

***** EXPOSURE CONTROL INFORMATION *****

VENTILATION

LOCAL EXHAUST	YES	MECHANICAL (GEN)	YES
SPECIAL.....	N/A	OTHER.....	N/A

RESPIRATORY PROTECTION
NIOSH APPROVED RESPIRATOR

PROTECTIVE GLOVES
RECOMMEND NIOSH APPROVED

OTHER PROTECTIVE EQUIPMENT
RUBBER APRON, SAFETY GOGGLES

OTHER ENGINEERING CONTROLS
N/A

WORK PRACTICES
AVOID CONTACT WITH SKIN, EYES, AND CLOTHING.

HYGENIC PRACTICES
SEE ABOVE

***** SPECIAL PRECAUTIONS *****

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.

MAINTENANCE PRECAUTIONS
KEEP AWAY FROM EXCESSIVE HEAT.

OTHER PRECAUTIONS
N/A

OTHER COMMENTS
N/