



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: 02/09/91

TRADE NAME/SYNONYMS...: TIX FLUX  
CHEMICAL NAME/SYNONYMS:  
CHEMICAL FAMILY.....:  
FORMULA.....:  
PRODUCT CODE.....: 54.460

\*\*\*\*\* HAZARDOUS INGREDIENTS \*\*\*\*\*

DOES PRODUCT CONTAIN HAZARDOUS INGREDIENTS? (Y,N,N/A,N/I) : Y  
CHEMICAL/COMMON NAME CAS-NUMBER % PEL-OSHA TLV-ACGIH  
ZINC CHLORIDE N/A 30 N/A .05MG/M3

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

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

HEALTH EFFECTS (ACUTE AND CHRONIC)  
CAUSES BURNS, CORROSIVE

PRIMARY ROUTES OF ENTRY  
INHALATION, SKIN, AND INGESTION.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE  
BURNS

EMERGENCY FIRST AID PROCEDURES  
FLUSH SKIN AND EYES WITH A SOLUTION OF SODIUM BICARBONATE MIXED WITH WATER  
FOLLOWED BY A 15 MIN. RINSE WITH CLEAR WATER. REMOVE CLOTHES.  
CALL A PHYSICIAN.

\*\*\*\*\* CHEMICAL DATA \*\*\*\*\*

BOILING POINT(F).... 307 SPECIFIC GRAVITY(WATER=1)..... 1.45  
VAPOR PRESSURE(MMHG) 3 PERCENT VOLATILE BY VOLUME(%)..... N/A  
VAPOR DENSITY(AIR=1) <1 EVAP RATE( BUTYLACETATS =1) <1

SOLUBILITY IN WATER.. COMPLETE

APPEARANCE AND ODOR INFORMATION  
PALE YELLOW LIQUID; NO ODOR.



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

FLASH POINT (METHOD USED) N/A                      FLAMMABLE LIMITS-LEL= N/A      UEL= N/A

EXTINGUISHING MEDIA  
N/A

SPECIAL FIRE FIGHTING PROCEDURES  
NON-FLAMMABLE

UNUSUAL FIRE AND EXPLOSION HAZARDS  
MAY RELEASE TOXIC FUMES IF INVOLVED IN AFIRE.

\*\*\*\*\* REACTIVITY DATA \*\*\*\*\*

INCOMPATIBILITY (MATERIALS TO AVOID)  
ALKALIES; OXIDIZING MATERIALS

HAZARDOUS DECOMPOSITION PRODUCTS  
HYDROGEN CHLORIDE, ZINC OXIDE/AMMONIA AND HYDROCHLORIC ACID GASES

WILL HAZARDOUS POLYMERIZATION OCCUR  
WILL NOT ACCUR.

CONDITIONS TO AVOID/POLYMERIZATION  
N/A

IS THE PRODUCT STABLE  
YES

CONDITIONS TO AVOID/STABILITY  
N/A

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
DO NOT GET ON SKIN, IN EYES OR ON CLOTHING. AVOID BREATHING MIST AND FUMES.

WASTE DISPOSAL METHOD  
FLUSH WITH WATER TO CHEMICAL SEWER.



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

VENTILATION

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

RESPIRATORY PROTECTION

NONE FOR NORMAL USE OR NIOSH RESPIRATOR FOR SERVICE.

PROTECTIVE GLOVES

USE RUBBER GLOVES.

OTHER PROTECTIVE EQUIPMENT

FACE SHIELD/RUBBER OVER EXPOSED AREAS.  
EYE PROTECTION: CHEMICAL SAFETY GOGGLES.

OTHER ENGINEERING CONTROLS

N/A

WORK PRACTICES

GOOD HOESEKEEPING.

HYGENIC PRACTICES

MAINTAIN GOOG HOUSEKEEPING TECHNIQUES.

\*\*\*\*\* SPECIAL PRECAUTIONS \*\*\*\*\*

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

KEEPING CONTAINER CLOSED. 20 DEGREES F FREEZING POINT.

MAINTENANCE PRECAUTIONS

N/A

OTHER PRECAUTIONS

DO NOT TAKE INTERNALLY. WASH THOROUGHLY AFTER HANDLING.

OTHER COMMENTS

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