Manufacturer of Precision Tools and Equipment

MANUFACTURE INFORMATION

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

EMERGENCY PHONE.....: 800-255-3924
PREPARATION/REVISION DATE: 01/01/12

TRADE NAME/SYNONYMS...: ALUM OXIDE-TRIMMING 4X1/2X1/4
CHEMICAL NAME/SYNONYMS:
CHEMICAL FAMILY.....:
FORMULA.....:
PRODUCT CODE.....: 10.527

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

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

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
ALUMINUM OXIDE (ALPHA ALUMINA)	1344-28-1	60-90	N/A	10MG/M3
AND/OR SILICON CARBIDE	409-21-2	60-90	N/A	10MG/M3
AND OR 3M CUBITRON	MIXTURE	15-90	N/A	N/A
VITRIFIED BOND	MIXTURE	10-30	N/A	N/A
DEXTRIN	9004-53-9	3-5	N/A	N/A
SILICATE OF SODA	1344-09-8	7-15	N/A	N/A
ZIRCON FLOUR	7439-92-1	1%	N/A	.15MG/M3
(INORGANIC LEAD) USING LEAD FOR I.D.				
BUSHING (NOT CONSUMED)	7439-92-1	N/A	N/A	.15MG/M3

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

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

HEALTH EFFECTS (ACUTE AND CHRONIC)
DUST FROM GRINDING CASSIFIED UNDER OSHA AS INERT OR NUISANCE DUST

PRIMARY ROUTES OF ENTRY
INHALATION DURING GRINDING

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
BRONCHIAL AND/OR CHRONIC LUNG DISEASE

EMERGENCY FIRST AID PROCEDURES
REMOVE TO DUST-FREE AREA. OBSERVE, IF NECESSARY.

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

BOILING POINT(F).... N/A SPECIFIC GRAVITY(WATER=1)..... S/C2.0
VAPOR PRESSURE(MMHG) N/A PERCENT VOLATILE BY VOLUME(%)..... N/A

VAPOR DENSITY(AIR=1) N/A EVAP RATE(BUTYL ACETATE =1) N/A

SOLUBILITY IN WATER.. N/A

APPEARANCE AND ODOR INFORMATION
A/O WHITE, BLUE GRAY, PINK & RED S/C GREENISH GRAY & BLACK NO ODOR.

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

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

EXTINGUISHING MEDIA
WATER CO2

SPECIAL FIRE FIGHTING PROCEDURES
NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS
NONE

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

INCOMPATIBILITY (MATERIALS TO AVOID)
AVOID USE WITH ACIDS

HAZARDOUS DECOMPOSITION PRODUCTS
NONE

WILL HAZARDOUS POLYMERIZATION OCCUR
WILL NOT OCCUR

CONDITIONS TO AVOID/POLYMERIZATION
NONE

IS THE PRODUCT STABLE
YES

CONDITIONS TO AVOID/STABILITY
USE WITHIN ANSI B-71.1 GUIDELINES.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

WHEELS SHOULD BE CAREFULLY EXAMINED FOR DAMAGE BEFORE USING. USE NORMAL CLEAN UP PROCEDURES FOR GRINDING DUST.

WASTE DISPOSAL METHOD
IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. AS DRY SOLIDS

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

VENTILATION

LOCAL EXHAUST	TO ELIMINATE DUST	MECHANICAL (GEN)	NONE
SPECIAL.....	NONE	OTHER.....	N/A

RESPIRATORY PROTECTION
OSHA APPROVED RESPIRATORY PROTECTION FOR NUISANCE DUST.

PROTECTIVE GLOVES
SUITABLE FOR GRINDING

OTHER PROTECTIVE EQUIPMENT
SAFETY GLASSES AS REQUIRED FOR A GRINDING OPERATION.

OTHER ENGINEERING CONTROLS
NONE

WORK PRACTICES
N/A

HYGENIC PRACTICES
N/A

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
HANDLE AND STORE IN ACCORDANCE W/ANSI B7.1 1978 SAFETY REQUIREMENTS.

MAINTENANCE PRECAUTIONS
N/A

OTHER PRECAUTIONS
INSPECT WHEEL FOR DAMAGE ON ARRIVAL AND PRIOR TO MOUNTING ON MACHINE

OTHER COMMENTS
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