

MANUFACTURE INFORMATION



EMERGENCY PHONE.....: 800-255-3924
PREPARATION/REVISION DATE: 11/15/90

TRADE NAME/SYNONYMS...: HEATLESS WHEELS 1 X 3/16
CHEMICAL NAME/SYNONYMS:
CHEMICAL FAMILY.....:
FORMULA.....:
PRODUCT CODE.....: 72-603

***** 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	1344-28-1	N/A	15MG/M3	10MG/M3
SILICON CARBIDE	409-21-2	N/A	15MG/M3	10MG/M3
HYDRATED CEMENT BOND (PROPRIETARY)	N/A	N/A	15MG/M3	10MG/M3

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

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

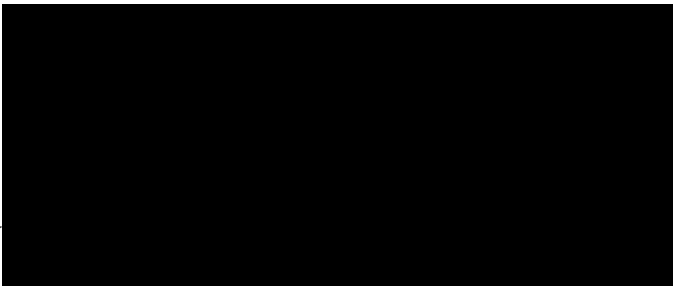
HEALTH EFFECTS (ACUTE AND CHRONIC)
ACUTE - COUGHING, SHORTNESS OF BREATH
CHRONIC - MAY AFFECT BREATHING CAPACITY

PRIMARY ROUTES OF ENTRY
INHALATION (DURING GRINDING)
INGESTION (DURING GRINDING) NO KNOWN ADVERSE EFFECTS BUT INGESTION NOT RECOMMENDED.
EYE (DURING GRINDING) DUST MAY IRRITATE EYES
SKIN (DURING GRINDING) SOME MAY EXPERIENCE SKIN IRRITATION FROM DUST
OTHER POTENTIAL HEALTH RISKS (DURING GRINDING) GRINDING MAY CREATE ELEVATED SOUND LEVELS WHICH MAY AFFECT HEARING.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
N/A

EMERGENCY FIRST AID PROCEDURES
REMOVE TO FRESH AIR. ARTIFICIAL RESPIRATION AS NEEDED. OBTAIN MEDICAL ASSISTANCE. WASH AFFECTED AREAS WITH SOAP AND WATER.

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



BOILING POINT(F).... N/A SPECIFIC GRAVITY(WATER=1)..... 4.0
VAPOR PRESSURE(MMHG) N/A PERCENT VOLATILE BY VOLUME(%)..... 0.1
VAPOR DENSITY(AIR=1) N/A EVAP RATE(N/A =1) N/A

SOLUBILITY IN WATER.. SLIGHT

APPEARANCE AND ODOR INFORMATION
SOLID WHITE TO GREY IN COLOR

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

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

EXTINGUISHING MEDIA
USE WATER

SPECIAL FIRE FIGHTING PROCEDURES
NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS
N/A

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

INCOMPATIBILITY (MATERIALS TO AVOID)
N/A

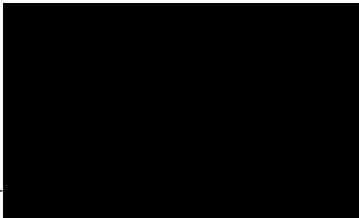
HAZARDOUS DECOMPOSITION PRODUCTS
IN USE, DUST AND DECOMPOSING ORGANIC FUMES ARE GENERATED. IN MOST CASES,
THE MATERIAL REMOVED FROM THE WORKPIECE WILL BE SIGNIFICANTLY GREATER THAN
THE GRINDING WHEEL COMPONENTS. COOLANTS MAY PRODUCE OTHER DECOMPOSITION
PRODUCTS.

WILL HAZARDOUS POLYMERIZATION OCCUR
WILL NOT OCCUR

CONDITIONS TO AVOID/POLYMERIZATION
N/A

IS THE PRODUCT STABLE
YES

CONDITIONS TO AVOID/STABILITY



Manufacturer of Precision Tools and Equipment

N/A

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
NORMAL CLEANUP PROCEDURES

WASTE DISPOSAL METHOD
STANDARD LANDFILL METHODS CONSISTENT WITH APPLICABLE STATE & LOCAL LAWS

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

VENTILATION

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

RESPIRATORY PROTECTION
FOR APPROVED DUST RESPIRATORS SEE OSHA 29CFR1910.134

PROTECTIVE GLOVES
AS DESIRED BY USER

OTHER PROTECTIVE EQUIPMENT
AS NEEDED HEARING PROTECTION SEE OSHA 29CFR1910.215

OTHER ENGINEERING CONTROLS
N/A

WORK PRACTICES
N/A

HYGENIC PRACTICES
N/A

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
SEE ANSI STANDARD B7.1

MAINTENANCE PRECAUTIONS
HANDLE WITH ADEQUATE VENTILATION SEE OSHA 29CFR1910.94 & OSHA 29CFR1910.94.

OTHER PRECAUTIONS
N/A



OTHER COMMENTS

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