MSDS: B0228

ITEM: 6PH27 - Depressed Center Wheel ORDER: 0021760175 LP NUMBE

LP NUMBER: U819159824

MATERIAL SAFETY DATA SHEET (MSDS)

TI MSDS should be att HILL MSDS should be att ETY DATA SHEET - B0228	######################################	espective product with which it is associated.
Associated Grainger Items 4B171, 5A876, 6A076, 6A077, 6PH25, 6PH2 5PU94		FLAMMABILITY O REACTIVITY O OTHER
VORTON	· ·	SECTION 6. ACCIDENTAL RELEASE MEASURES
NORTON COMPANY		CLEAN-UP: FOLLOW NORMAL CLEAN UP PROCEDURES.
WATERIAL SAFETY DATA SHEET	•	
PART#: 66252830432		SECTION 7. HANDLING AND STORAGE
DATE PRINTED: JAN 30, 2007		HANDLING: ALWAYS HANDLE AND STORE WHEELS IN A CAREFUL MANNER.
ASDS NO.: ALRESINO56 OUTBOUND		ALWAYS VISUALLY INSPECT ALL WHEELS BEFORE MOUNTING.
ALUMINUM OXIDE RESIN GRINDING WHEEL	·	ALWAYS CHECK MACHINE SPEED AGAINST THE ESTABLISHED MAXIMIM SAFE OPERATING SPEED MARKED ON THE WHEEL.
SECTION 1. CHEMICAL PRODUCT	T AND COMPANY INFORMATION —	ALWAYS CHECK MOUNTING FLANGES FOR EQUAL AND CORRECT DIAMETER.
PRODUCT NAME: ALUMINUM OXIDE RESIN GRINDING WHEEL		ALWAYS USE MOUNTING BLOTTERS.
TRADE NAME: ALUNDUM WHEEL		ALWAYS BE SURE WORK REST IS PROPERLY ADJUSTED.
ANUFACTURER (4):		ALWAYS USE A SAFETY GUARD COVERING AT LEAST ONE-HALF OF THE GRINDING WHEEL.
SAINT-GOBAIN ABRASIVES, INC. NE NEW BOND STREET ORCESTER, MA, 01606 (508) 795-5000	·	ALMAYS ALLOW NEMLY MOUNTED WHEELS TO RUN AT OPERATING SPEED, WITH GUARD IN PLACE, FOR AT LEAST ONE MINUTE BEFORE GRINDING.
EVISION DATE: 1/22/2007		ALWAYS TURN OFF COOLANT BEFORE STOPPING WHEEL TO AVOID CREATING AN OUT-OF-BALANCE WHEEL
ISDS PRINT FORMAT: NUSA		SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
SECTION 2. COMPOSITION/INE	FORMATION ON INCREDIENTS	VENILIATION PROTECTION:
UBSTANCE DESCRIPTION	PERCENT CAS#	RECOMMEND USING LOCAL EXHAUST VENTILATION WHEN GENERAL VENTILATION IS NOT KEEPING THE AIRBORNE CONCENTRATION BELOW THE TIV.
LUMINUM OXIDE, NON-FIBROUS	60.000 - 90.000 1344-28-1	RESPIRATORY PROTECTION: RESPIRATORS ARE REQUIRED WHEN AIRBORNE CONTAMINANT LEVELS EXCEED THE TLV(S).
URED PHENOLFORMALDEHYDE RESIN	2.000 - 15.000 9003-35-4	EYE PROTECTION:
NORGANIC FLUORIDES ** RON DIGILFIDE	1.000 - 15.000 NA	ALWAYS WEAR SAFETY GLASSES OR SOME TYPE OF EYE PROTECTION WHEN GRINDING.
* SU CE IS A COMPOUND AND/OR MIX	2.000 - 30.000 12068-85-8	OTHER PROTECTION: USE OF THIS PRODUCT MAY CREATE ELEVATED SOUND LEVELS, HEARING PROTECTION
THER APPLICABLE	CURE	SHOULD BE WORN WHERE REQUIRED (SEE OSHA 29 CFR 1910.134 AND OTHER APPLICABLE REGULATIONS).
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SECTION 3. HAZARDS IDENTIFICATION —		SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES
NHALATION ACTUE EXPOSURE EFFECTS		APPEARANCE & ODOR: SOLID ARTICLE. ODORLESS.
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NHALATION ACUTE EXPOSURE EFFECTS: UST MAY BE SLIGHTLY IRRITATING TO EX. ONCENTRATIONS. NHALATION CHRONIC EXPOSURE EFFECTS: HRONIC: AY AFFECT BREATHING CAPACITY. OR PRODUCTS CONTAINING PHENOL/FORMALDE NIENDED USE MAY CONTAIN TRACE AMOUNTS ON BER EXCESSIVE EXPOSURE MAY CAUSE SK BSTRUCTION. OR PRODUCTS CONTAINING INORGANIC FLUCKESSIVE EXPOSURE TO INORGANIC FLUCKESSIVE EXPOSURE EFFECTS: DICKLIN CONTACT ACUTE EXPOSURE EFFECTS: DICKLIN A	ES AND RESPIRATORY TRACT AT HIGH HYDE RESIN, DUST GENERATED FROM OF PHENOL AND FORMALDEHYDE WHICH IN SENSITIZATION AND AIRWAY ORIDES: ES HAVE BEEN SHOWN TO INCREASE BONE UST MAY IRRITATE EYES. ROM DUST. ON NOT RECOMMENDED. T AID MEASURES TOPPED, GIVE ARTIFICIAL RESPIRATION. ER. OBTAIN MEDICAL ASSISTANCE. IN FIRST AID AND MEDICAL ASSISTANCE, EMERGENCY ROOM OR PHYSICIAN	APPEARANCE & ODOR: SOLID ARTICLE. ODORLESS. SECTION 10. STABILITY AMD REACTIVITY INCOMPATIBILITIES: AVOID ACIDS OF ALL TYPES WITH A ph <4.0. DECOMPOSITION: IN USE, DUST AND DECOMPOSING ODORS MAY BE GENERATED. IN MOST CASES, THE MATERIAL REMOVED FROM THE WORKFLACE WILL BE SIGNIFICANTLY GREATER THAN THE GRINDING WHEEL COMPONENTS. COOLANTS MAY PRODUCE OTHER DECOMPOSITION PRODUCTS. FOR PRODUCTS CONTAINING PHENOL AND FORMALDEHYDE RESIN, THERMAL DECOMPOSITION MAY PRODUCE TRACE AMOUNTS OF PHENOL AND FORMALDEHYDE. FOR PRODUCTS CONTAINING INORGANIC FLUORIDES, THERMAL DECOMPOSITION MAY PRODUCE TRACE AMOUNTS OF FLUORIDES. SECTION 11. TOXICOLOGICAL INFORMATION CARCINOGENICITY: FOR WHEELS CONTAINING FIBERGLASS, FIBER DIAMETERS ARE GREATER THAN 10 (MICRO)M, THEREFORE CONSIDERED NON-RESPIRABLE. FIBERGLASS: IARC-3 LD50/LC50: VALUES ARE NOT APPROPRIATE OR AVAILABLE. SECTION 12. ECOLOGICAL INFORMATION CHEMICAL FATE: RESIN BONDED MATERIALS DEMONSTRATE SIMILAR DEGRADATION RATES AS PHENOLIC PLASTICS. VITRIFIED PRODUCTS DO NOT APPRECIABLY DECAY. SECTION 13. DISPOSAL CONSIDERATIONS WASTE DISPOSAL:
NHALATION ACUTE EXPOSURE EFFECTS: UST MAY BE SLIGHTLY IRRITATING TO EXONCENTRATIONS. NHALATION CHRONIC EXPOSURE EFFECTS: HRONIC: ANY AFFECT BREATHING CAPACITY. OR PRODUCTS CONTAINING PHENOL/FORMALDE NIENDED USE MAY CONTAIN TRACE ANOUNTS INDER EXCESSIVE EXPOSURE MAY CAUSE SK BSTRUCTION. OR PRODUCTS CONTAINING INORGANIC FLUK KCESSIVE EXPOSURE TO INORGANIC FLUK KCESSIVE EXPOSURE TO INORGANIC FLUK KCESSIVE EXPOSURE EFFECTS: DE CONTACT ACUTE EXPOSURE EFFECTS: DE MAY EXPERIENCE SKIN IRRITATION FOR MAY EX	ES AND RESPIRATORY TRACT AT HIGH ENYDE RESIN, DUST GENERATED FROM OF PHENOL AND FORMALDEHYDE WHICH IN SENSITIZATION AND AIRWAY ORIDES: ES HAVE BEEN SHOWN TO INCREASE BONE UST MAY IRRITATE EYES. ROM DUST. ON NOT RECOMMENDED. T AID MEASURES TOPPED, GIVE ARTIFICIAL RESPIRATION. ER. OBTAIN MEDICAL ASSISTANCE. IN FIRST AID AND MEDICAL ASSISTANCE, EMERGENCY ROOM OR PHYSICIAN CETTING MEASURES	APPEARANCE & ODOR: SOLID ARTICLE. ODORLESS. SECTION 10. STABILITY AMD REACTIVITY INCOMPATIBILITIES: AVOID ACIDS OF ALL TYPES WITH A pH <4.0. DECOMPOSITION: IN USE, DUST AND DECOMPOSING ODORS MAY BE GENERATED. IN MOST CASES, THE MATERIAL REMOVED FROM THE WORKPLACE WILL BE SIGNIFICANTLY GREATER THAN THE GRINDING WHEEL COMPONENTS. COCIANTS MAY PRODUCE OTHER DECOMPOSITION PRODUCTS. FOR PRODUCTS CONTAINING PHENOL AND FORMALDEHYDE RESIN, THERMAL DECOMPOSITION MAY PRODUCE TRACE ANOUNTS OF PHENOL AND FORMALDEHYDE. FOR PRODUCTS CONTAINING INCREANCE FLUORIDES, THERMAL DECOMPOSITION MAY PRODUCE TRACE AMOUNTS OF FLUORIDES. SECTION 11. TOXICOLOGICAL INFORMATION CARCINOGENICITY: FOR WHEELS CONTAINING FIBERGLASS, FIBER DIAMETERS ARE GREATER THAN 10 (MICRO)M, THEREFORE CONSIDERED NON-RESPIRABLE. FIBERGLASS: IARC-3 LD50/LC50: VALUES ARE NOT APPROPRIATE OR AVAILABLE. CHEMICAL FATE: RESIN BONDED MATERIALS DEMONSTRATE SIMILAR DEGRADATION RATES AS PHENOLIC PLASTICS. VITRIFIED PRODUCTS DO NOT APPRECIABLY DECAY. SECTION 13. DISPOSAL CONSIDERATIONS WASTE DISPOSAL: USE STANDARD LAMPFILL MEHODS CONSISTENT WITH APPLICABLE FEDERAL, STATE, PROVUNCIAL AND LOCAL LAWS. PRODUCTS WITH LISTED FLOURIDES MAY HAVE SLICHTLY SOLUBLE FLOURIDE SWARF. RECYCLING PROGRAM;
MHALATION ACUTE EXPOSURE EFFECTS: UST MAY BE SLIGHTLY IRRITATING TO EX- ONCENTRATIONS. NHALATION CHRONIC EXPOSURE EFFECTS: HENOLIC: ANY AFFECT EREATHING CAPACITY. OR PRODUCTS CONTAINING PHENOL/FORMALDE NIENDED USE MAY CONTAIN TRACE AMOUNTS OF BUBER EXCESSIVE EXPOSURE MAY CAUSE SK BSTRUCTION. OR PRODUCTS CONTAINING INORGANIC FLUX KCESSIVE EXPOSURE TO INORGANIC FLUX KCESSIVE EXPOSURE TO INORGANIC FLUX KCESSIVE EXPOSURE EFFECTS: DI EXAMPLE EXPOSURE EFFECTS: DE CONTACT ACUTE EXPOSURE EFFECTS: DIE MAY EXPERIENCE SKIN IRRITATION FOR MAY EXPERIENCE SKIN IRRITATION FOR MOWN ADVERSE EFFECTS, BUT INGESTIC HALATION: MOVE TO FRESH AIR. IF EREATHING HAS SO ST MEDICAL ATTENTION IMMEDIATELY. CIN CONTACT: SH WITH LARGE AMOUNTS OF WATER. OBTAIN OR MEDIATELY. SECTION 5. FIRE FIX	ES AND RESPIRATORY TRACT AT HIGH ENYDE RESIN, DUST GENERATED FROM OF PHENOL AND FORMALDEHYDE WHICH IN SENSITIZATION AND AIRWAY ORIDES: ES HAVE BEEN SHOWN TO INCREASE BONE UST MAY IRRITATE EYES. ROM DUST. ON NOT RECOMMENDED. T AID MEASURES TOPPED, GIVE ARTIFICIAL RESPIRATION. ER. OBTAIN MEDICAL ASSISTANCE. IN FIRST AID AND MEDICAL ASSISTANCE, EMERGENCY ROOM OR PHYSICIAN CETTING MEASURES	APPEARANCE & ODOR: SOLID ARTICLE. ODORLESS. SECTION 10. STABILITY AMD REACTIVITY INCOMPATIBILITIES: AVOID ACIDS OF ALL TYPES WITH A pH <4.0. DECOMPOSITION: IN USE, DUST AND DECOMPOSING ODORS MAY BE GENERATED. IN MOST CASES, THE MATERIAL REMOVED FROM THE WORKPLACE WILL BE SIGNIFICANTLY GREATER THAN THE GRINDING WHEEL COMPONENTS. COOLANTS MAY PRODUCE OTHER DECOMPOSITION FOOD PRODUCTS. FOR PRODUCTS CONTAINING PHENOL AND FORMALDEHYDE RESIN, THERMAL DECOMPOSITION MAY PRODUCE TRACE AMOUNTS OF PHENOL AND FORMALDEHYDE. FOR PRODUCTS CONTAINING INCRGANIC FLUORIDES, THERMAL DECOMPOSITION MAY PRODUCE TRACE AMOUNTS OF FLUORIDES. CARCTINOGENICITY: FOR WHEELS CONTAINING FIBERGLASS, FIBER DIAMETERS ARE GREATER THAN 10 (WICKO)M, THEREFORE CONSIDERED NON-RESPIRABLE. FIBERGLASS: IARC-3 LD50/LC50: VALUES ARE NOT APPROPRIATE OR AVAILABLE. SECTION 12. BCOLOGICAL INFORMATION CHEMICAL FATE: RESIN BONDED MATERIALS DEMONSTRATE SIMILAR DEGRADATION RATES AS PHENOLIC PLASTICS. VITRIFIED PRODUCTS DO NOT APPRECIABLY DECAY. SECTION 13. DISPOSAL CONSIDERATIONS WASTE DISPOSAL: USE STANDARD LANDFILL METHODS CONSISTENT WITH APPLICABLE FEDERAL, STATE, PROVINCIAL AND LOCAL LAWS. PRODUCTS WITH LISTED FLOURIDES MAY HAVE SLIGHTLY SOLUBLE FLOURIDE SWARF.