

GARD Specialists Co.

RESIN FIBER GRINDING ABRASIVE WHEELS

Material Safety Data Sheet

Section I - NAME AND PRODUCT

MANUFACTURED FOR GARD Specialists Company, Inc.	CONTACT CHEMICAL DEPT.
ADDRESS (STREET, CITY, STATE AND ZIP CODE) 621 Hwy. 17 South, Eagle River, Wisconsin 54521	EMERGENCY TELEPHONE (715) 479-9365 or (800) 541-9301
TRADE NAME, COMMON NAME OR SPECIFICATION: Resin Fiber Grinding Products Coated/ Bonded Abrasive Products (Belts, Sheets, Discs, Rolls, Flapwheels)	DATE: 03/06/2010
CHEMICAL FAMILY OR PRODUCT TYPE: SILICON CARBIDE, ALUMINUM OXIDE, ALUMINA ZIRCONIA - COATED ONTO A BACKING OF CLOTH, PAPER OR VULCANIZED FIBRE USING HIDE GLUE OR PHENOLIC RESIN.	

Section II - COMPOSITION

CHEMICAL NAME	COMMON NAME	REG* (Y/N)	CAS #	OSHA PERMISSIVE EXPOSURE LIMIT	ACGH TLV	CARCIN- OGEN (Y/N)
Al ₂ O ₃	ALUMINUM OXIDE	Y	134-28-1	15mg/M ³	10mg/M ³	N
SIC	SILICON CARBIDE	Y	409-21-2	15mg/M ³	10mg/M ³	N
Al ₂ O ₃ -ZrO ₂	ALUMINA ZIRCONIA	Y	1314-24-4	15mg/M ³	10mg/M ³	N

Section III - PHYSICAL AND CHEMICAL DATA

BOILING POINT	N/A	MELTING POINT	N/A	SPECIFIC GRAVITY	N/A
VAPOR PRESSURE	N/A	PERCENT VOLATILE BY VOLUME	N/A	VAPOR DENSITY	N/A
EVAPORATION RATE	N/A	SOLUBILITY IN WATER	NO	SOLUBILITY IN ALCOHOL	N/A
SOLUBILITY IN OTHER SOLVENT /MECHANICAL	N/A	APPEARANCE AND ODOR : PAPER, CLOTH OR FIBRE COATED WITH ABRASIVE GRAIN, NO ODOR			

Section IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	N/A	(METHOD USED)	N/A	FLAMMABLE LIMITS	LEL N/A	UEL
EXTINGUISHING MEDIA ANY PROPER FIRE-FIGHTING MATERIAL CAN BE USED						
SPECIAL FIRE FIGHTING PROCEDURES BACKING & RESIN BINDER WILL BURN OR DECOMPOSE, USE RESPIRATORY PROTECTION.						
EXPLOSION POTENTIAL N/A						

Section V - HEALTH, FIRST AID AND MEDICAL DATA

PRIMARY ROUTE (S) OF ENTRY	ACUTE AND CHRONIC HEALTH EFFECTS AND EFFECTS OF OVEREXPOSURE	FIRST AID AND MEDICAL INFORMATION
INHALATION (DUST)	ACUTE - MAY CAUSE COUGHING SHORTNESS OF BREATH. CHRONIC MAY AFFECT BREATHING CAPACITY.	REMOVE TO FRESH AIR, APPLY ARTIFICIAL RESPIRATION AS NEEDED. OBTAIN FIRST AID OR MEDICAL ASSISTANCE.
INGESTION	(DUST) NO KNOWN ADVERSE EFFECTS BUT INGESTION NOT RECOMMENDED.	OBTAIN FIRST AID OR MEDICAL ASSISTANCE IF NEEDED.
SKIN - CONTACT & ABSORPTION	NOT ABSORBED THROUGH SKIN; MAY CAUSE ABRASIONS.	OBTAIN FIRST AID OR MEDICAL ASSISTANCE IF NEEDED.
EYE	DUST MAY IRRITATE EYES.	WASH WITH A LARGE AMOUNT OF WATER. OBTAIN FIRST AID OR MEDICAL ASSISTANCE IF NEEDED.
OTHER POTENTIAL HEALTH RISKS	DURING USE ON SOME MATERIALS ELEVATED SOUND LEVELS MAY BE CREATED WHICH AFFECT HEARING.	OBTAIN FIRST AID OR MEDICAL ASSISTANCE IF NEEDED.

** NAIL = NO APPLICABLE INFORMATION FOUND

*** N/A = NOT APPLICABLE

GARD Specialists Co.

Section VI - CORROSIVITY AND REACTIVITY DATA

STABILITY OCCUR <input checked="" type="checkbox"/>	UNSTABLE <input type="checkbox"/> STABLE <input checked="" type="checkbox"/>	POLYMERIZATION	MAY OCCUR <input type="checkbox"/>	WILL NOT
INCOMPATIBILITY (MATERIALS TO AVOID) N/A				
DECOMPOSITION PRODUCTS: IN USE, DUST AND DECOMPOSING RESIN SYSTEM FUMES ARE GENERATED. IN MOST CASS, THE MATERIAL REMOVED FROM THE WORK PIECE WILL BE SIGNIFICANTLY GREATER THAN THE COATED ABRASIVE PRODUCT COMPONENTS.				
CONDITIONS TO BE AVOIDED NAIF				

Section VII - STORAGE, HANDLING AND USE PROCEDURES

NORMAL STORAGE AND HANDLING: HANDLE WITH ADEQUATE VENTILATION SEE OSHA 29CFR1910.94 (VENTILATION) AND OSHA 29CFR1910.1000 (AIR CONTAMINATES).
NORMAL USE : HANDLE WITH ADEQUATE VENTILATION SEE OSHA 29CFR1910.94 (VENTILATION) AND OSHA 29CFR1910.1000 (AIR CONTAMINATES), OSHA CFR1910.213 (P) SANDING MACHINES.
STEPS TO BE TAKEN IN CASE OF LEAKS OR SPILLS NORMAL CLEAN UP PROCEDURES.
WASTE DISPOSAL METHOD STANDARD LANDFILL METHODS CONSISTENT WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS.

Section VIII - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE) As needed. Approved dust respirators. See OSHA 29 CFR 1910.							
VENTILATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">LOCAL</td> <td>Recommended</td> </tr> <tr> <td>MECHANICAL (GENERAL)</td> <td>Recommended</td> </tr> <tr> <td>OTHER</td> <td>N/A</td> </tr> </table>	LOCAL	Recommended	MECHANICAL (GENERAL)	Recommended	OTHER	N/A
LOCAL	Recommended						
MECHANICAL (GENERAL)	Recommended						
OTHER	N/A						
PROTECTIVE GLOVES Recommended - AS DESIRED BY USER							
EYE PROTECTION Mandatory. See OSHA 29 CFR 1910.133 (FACE 7 EYE PROTECTION)							
OTHER EQUIPMENT Hearing protection as needed. See OSHA 29 1910.215 (JHEARING PROTECTION)							
MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL. See Section s VI, VII & VIII							

Section IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Discard dropped or damaged items.
OTHER PRECAUTIONS Product should be used only by personnel familiar with ANSI B7.1 and recommended rules for safe use.

FOR COMPANY USE

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however *GARD Specialists Company* makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assume no liability to any user thereof.