

GARD Specialists Co., Inc.

GrindCut - Reinforced Fibrous Glass Abrasive (5406-series)

Material Safety Data Sheet

Section I - NAME AND PRODUCT

MANUFACTURER'S NAME GARD Specialists Company, Inc.	CONTACT D.Buss
ADDRESS (STREET, CITY, STATE AND ZIP CODE) 621 Hwy. 17 South, Eagle River, WI 54521	EMERGENCY TELEPHONE (715) 479-9365 or (800) 541-9301
TRADE NAME, COMMON NAME OR SPECIFICATION - GARD GrindCut Wheel Reinforced Fibrous Glass Abrasive	APPROVED BY: DATE: 01/15/2018
CHEMICAL FAMILY OR PRODUCT TYPE	

Section II - COMPOSITION

CHEMICAL NAME	COMMON NAME	REG* (Y/N)	OSHA PERMISSIVE EXPOSURE LIMIT	ACGH TLV
Aluminum Oxide	Alumina	y	None	10 mg / m ³
Silicon Carbide	Silicon Carbide	y	15 mg / m ³	10 mg / m ³
Phenol Formaldehyde	Phenolic Resin	y	None	5 ppm
Silicate	Wollastonite	y	None	None
Sodium Fluoaluminate	Cryolite	y	2.5 mg / m ³	2.5 mg / m ³
Iron Oxide	Iron Oxide	y	10 mg / m ³	5 mg / m ³
Fibrous Glass	Fiberglass	y	None	10 mg / m ³

Section III - PHYSICAL AND CHEMICAL DATA

BOILING POINT N/A	MELTING POINT N/A	SPECIFIC GRAVITY > 1 (H ₂ O = 1)
VAPOR PRESSURE N/A	PERCENT VOLATILE BY VOLUME NAIF	VAPOR DENSITY N/A
EVAPORATION RATE N/A	SOLUBILITY IN WATER Not Soluble	SOLUBILITY IN ALCOHOL NAIF
SOLUBILITY IN OTHER SOLVENT NAIF	APPEARANCE AND ODOR: Solid Substance; may give off odor.	

Section IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT NAIF	(METHOD USED) NAIF	FLAMMABLE LIMITS	LEL N/A	UEL N/A
EXTINGUISHING MEDIA Water				
SPECIAL FIRE FIGHTING PROCEDURES NAIF				
EXPLOSION POTENTIAL NAIF				

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 During Cutting / Grinding	May effect breathing capacity, shortness of breath	Remove to fresh air. Artificial respiration if needed. (See Section VII - Ventilation)
INGESTION During Cutting / Grinding	NAIF. Ingestion not recommended.	Obtain medical assistance immediately.
SKIN - CONTACT & ABSORPTION During Cutting / Grinding	Some individuals may experience skin irritation from dust.	Thoroughly wash affected area with of soap and water. If a rash appears discontinue use and seek medical attention.
EYE During Cutting / Grinding	Dust may irritate eyes.	Flush with large amounts of water, obtain medical assistance if needed.
OTHER POTENTIAL HEALTH RISKS	NAIF	

** NAIF = NO APPLICABLE INFORMATION FOUND

*** N/A = NOT APPLICABLE

Section VI - CORROSIVITY AND REACTIVITY DATA

STABILITY UNSTABLE STABLE POLYMERIZATION MAY OCCUR WILL NOT OCCUR

INCOMPATIBILITY (MATERIALS TO AVOID)

Avoid Acids and Bases

DECOMPOSITION PRODUCTS

Carbon Dioxide : +600°F. Hydrogen Fluoride & Perfluoro Carbon Olefins: +827°F.

CONDITIONS TO BE AVOIDED

NAIF

Section VII - STORAGE, HANDLING AND USE PROCEDURES

NORMAL STORAGE AND HANDLING

See ANSI Standard B7.1

NORMAL USE

Should be used only by persons familiar with ANSI B7.1. Use only with adequate ventilation.

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) Use Niosh approved dust respirator See OSHA 29 CFR 1910.1200

VENTILATION	LOCAL Recommended
	MECHANICAL (GENERAL) Recommended
	OTHER N/A

PROTECTIVE GLOVES Recommended

EYE PROTECTION Mandatory. See OSHA 29 CFR 1910.133

OTHER EQUIPMENT Hearing protection as needed. See OSHA 29 1910.215

MEASURES TO BE TAKEN DURING REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT THAT HAS BEEN IN CONTACT WITH THIS MATERIAL.

See Section VII & VIII

Section IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Discard 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.

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