

Bay Union Abrasives Limited

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MATERIAL SAFETY DATA SHEET

This data sheet is provided as a courtesy in response to a customer request.

This product is not regulated under, and a MSDS is not required (29 CFR 1910.1200) because, when, used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendation or not under ordinary conditions may effect the performance of the product and may present potential health and safety hazards.

ABRASIVE SYSTEM DIVISION

Wheel Points / Dressing Stones / Chain Saw Sharpening Stones

1. INGREDIENT	C.A.S.No.	PERCENT	
		38A	GC
Silicon Carbide or	409-21-2	0	76
Aluminum Oxide	1344-28-1	78	0
Vitrified Bond		22	24

* Chemical composition:

SiC	0	75
SiO ₂	14.3	16.6
Al ₂ O ₃	81.3	4.2
Na ₂ O	0.7	0.8
CaO	0.6	0.7
K ₂ O	1.4	1.6
Fe ₂ O ₃	0.5	0.06
Others	1.2	1.04

2. PHYSICAL DATA

Boiling Point	Not Applicable
Vapor Pressure	Not Applicable
Vapor Density	Not Applicable
Evaporation Rate	Not Applicable
Solubility In water	Not Applicable
Percent Volatile	Not Applicable
PH	Not Applicable
Viscosity	Not Applicable
Melting Point	Not Applicable

3. FIRE AND EXPLOSION HAZARD DATA

Flash Point	Not Applicable
Flammable Limits- LEL	Not Applicable
Flammable Limits- UEL	Not Applicable
Autoignition Temperature	Not Applicable

EXTINGUISHING MEDIA:

Water, Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

Not Applicable

NFPA HAZARD CODES: Health:1 Fire: 0 Reactivity:0
Unusual Reaction Hazard: none

4. REACTIVITY DATA

Stability: Stable

Incompatibility; Materials/conditions to avoid: Not Applicable

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition Products:

No hazardous decomposition products are expected during normal use of this product. However, during flaming conditions or excessive heating the following may be emitted: Carbon Monoxide, Carbon Dioxide, Oxides of nitrogen, cyanides, formaldehyde

5. ENVIRONMENTAL INFORMATION

Spill Response: Not Applicable

Recommended Disposal: Incinerate in an industrial or commercial facility. Dispose of waste product in a sanitary landfill.

Environmental Data: Not determined.

Regulatory Information:

Volatile Organic Compounds: Not Applicable

Volatile Organic Compounds less H₂O & Exempt Solvents: Not Applicable

Since regulations vary, consult applicable regulations or authorities before disposal.

U.S. Hazardous Waste Number = None (Not U.S. EPA Hazardous)

EPCRA Hazard Class:

Fire Hazard: No Pressure: No Reactivity: No Acute: Yes Chronic: No

6. SUGGESTED FIRST AID

Eye Contact: Immediately flush eyes with large amounts of water. Get immediate medical attention.

Skin Contact: Wash affected area with soap and water.

Inhalation: If signs/symptoms occur, remove person to fresh air.

If signs/symptoms continue, call a physician.

If Swallowed: Not Applicable

Other First and Information:

All first aid statements refer to exposure of dust created by cutting, sanding or grinding.

7. PRECAUTIONARY INFORMATION

Eye Protection: Wear safety glasses with side shields.

Use protective glasses and/or face shield as recommended in ANSI Standard Z87.1.

Skin Protection: Not Applicable

Recommended Ventilation:

Provide appropriate local exhaust for grinding, cutting or sanding cured material.

If exhaust ventilation is not adequate, use appropriate respiratory protection.

Use particulate collection systems.

Respiratory Protection:

Avoid breathing of dust created by cutting, sanding or grinding.

Select one of the following NIOSH approved respirators based on airborne concentration of contaminant and in accordance with OSHA regulations: half-mask dust respirator, full-face dust respirator.

Prevention of Accidental Ingestion: Do not ingest.

Recommended Storage: Not Applicable

Fire and Explosion Avoidance: Not Applicable

INGREDIENT	VALUE	UNIT	TYPE	AUTHORITY	SKIN*
Silicon Carbide or	10	MG/M3	TWA	ACGIH	
Silicon Carbide or	10	MG/M3	TWA	OSHA	
Aluminum Oxide	1	Fiber/CC	TWA	CMRG	
Aluminum Oxide	1	Fiber/CC	TWA	OSHA	
Aluminum Oxide	10	MG/M3	TWA	OSHA	
Aluminum Oxide	10	MG/M3	TWA	ACGIH	
Cured Adhesive	None	None	None	None	
Nylon Fibers or WEB	None	None	None	None	
Calcium Carbonate	10	MG/M3	TWA	ACGIH	
Calcium Carbonate	15	MG/M3	TWA	OSHA	

* Skin Notation: Listed substances indicated with "Y" under Skin refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

Source of Exposure Limit Data:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OMRG: Chemical Manufacturer Recommended Exposure Guidelines
- OSHA: Occupational Safety and Health Administration
- None : None Established

8. HEALTH HAZARD DATA

Eye Contact: Eye contact is not expected to occur during normal use of the product.

Mechanical Eye Irritation: Signs/Symptoms can include irritation, redness, scratching of the cornea and tearing.

Dust creating by cutting, grinding, sanding, or machining may cause eye irritation.

Skin Contact: No adverse health effects are expected from skin contact.

Mechanical skin irritation: signs/symptoms can include itching and redness.

Inhalation: No adverse health effects are expected from inhalation exposure.

If Swallowed: Ingestion is not a likely of exposure to this product.

Other Health Hazard Information:

This product. When used under reasonable conditions or in accordance with the directions for use, should not present a health and safety hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

This Information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. WE MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF COURSE OF PERFORMANCE OR USAGE OF TRADE.

User is responsible for determining whether our product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of our product, some of which are uniquely within the user's knowledge and control. It is essential that the user evaluate the our product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.