

Material Safety Data Sheet

ARBOR BANDS/MANDRELS

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Section 1 – Identification of the Substance/Preparation and of the Company/Undertaking

Product Name: ARBOR BANDS/MANDRELS
Chemical Name: Fastcut Resin Cloth A
(24 to 180X875F)

Family: Abrasives

Product Use: Abrasive Tool.

Product #: --
1090010,1090030,1090040,1090060,1090070,1090090,
1090100,1090120,1090130,1090150,1090160,1090180,
1090190,1090210,1090220,1090240,1090250,1090270,
1090280,1090300,1090310,1090330,1090340,1090360,
1090370,1090380,1090390,1090400,1502500,1502505,
1502510,1502515,1520010,1520020,1520030,1520035

MSDS Initial Approval Date: July 2002

MSDS Prepared by: JRR

Manufacturer: Keystone Industries

616 Hollywood Av

Cherry Hill, NJ 08002

Emergency Phone Numbers: (800) 535 - 5053

Information Contacts: (856) 663 - 4700

Section 2 - Composition/Information on Ingredients

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Silicon Carbide	409-21-2	206-991-8	Silicon Carbide	15 mg/M3	10 mg/M3	N/DA	N/A
Aluminum Oxide	1344-28-1	215-691-6	N/DA	15 mg/M3	10 mg/M3	N/DA	N/A

N/E - None Established

N/R - Not Reviewed

N/DA - No Data Available

N/A - Not Applicable

This mixture contains no other ingredients known to retain hazardous properties or which is defined as hazardous by OSHA.

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- May cause allergic skin reaction.
- May cause eye irritation.
- Dust may cause irritation of the nose, throat, and lungs.
- This product may contain particulate, not otherwise classified (Nuisance Dust)

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry Eyes or skin (No absorption); inhalation of dust.
Eye Higher concentration can irritate eyes. May cause eye irritation or damage.
Skin Repeated or prolonged exposure may cause allergic skin rashes.
Ingestion Higher concentration can irritate respiratory system.
Inhalation Possible temporary discomfort due to inhalation of dust concentration above the permissible exposure limit. Dust may cause irritation of the nose, throat, and lungs.
Sub-Chronic Effects Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation.

NOTE: Refer to Section 11, Toxicological Information for Details

Section 4 - First Aid Measures

First Aid for Eye Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.
First Aid for Skin Get medical aid if irritation develops or persists. Wash clothing before reuse. Flush skin with plenty of soap and water.
First Aid for Inhalation Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.
First Aid for Ingestion Do not induce vomiting. If victim is conscious and alert, give 2 – 4 cupfuls of milk or water. Get medical aid if irritation or symptoms occur.

Notes to Physician: Treat symptomatically and supportively.

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Section 5 - Fire Fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
N/A	LEL: N/A UEL: N/A	N/E

Method:

Extinguishing media: Water, carbon dioxide, dry chemical.
Fire Fighting Instructions: Fire fighters should wear self-contained breathing apparatus.
Unusual Hazards: None

Section 6 - Accidental Release Measures

Spill or Release Procedures No special procedures

Section 7 - Handling and Storage

Handling Normal precautions should be taken for nuisance dust and particulates generated during grinding operation, principally from work piece.
Storage Store in cool, dry place away from heat, sparks, flame and direct sunlight.
Explosion Hazard N/A

Section 8 – Exposure Controls/Personal Protective Equipment

Engineering Controls Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers. High temperature processing equipment should be well ventilated. Provide ventilation if necessary to control exposure levels below airborne exposure limits.

Personal Protective Equipment

General Normal dust procedures for personal protective equipment.
Eye/ Face Protection Use safety glasses and have eye-flushing equipment immediately available.
Skin Protection Minimize contamination by following good industrial practice. Wearing nitrile, neoprene, pvc, latex or other impermeable gloves is recommended.
Respiratory Protection Avoid breathing dust and mist. Use dust mask.

Section 9 - Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Abrasive Rotary Tool	None	N/A	N/A	N/A	N/A

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
N/A	N/A	N/A	N/A	N/A	N/A	N/A	Insoluble

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
N/A	LEL – N/A UEL – N/A	N/A

Section 10 - Stability and Reactivity

Stability:
Stable
Hazardous Decomposition Products: N/DA
Conditions to Avoid: N/A

Incompatibility (Materials to Avoid):
Strong oxidizing agents
Hazardous Polymerization:
Will not occur

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Section 11 - Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin	Irritation - Eye
N/E	N/E	N/E	N/E	N/E
Sensitization	Mutagenicity	Sub-chronic Toxicity		
No information available	No information available	No information available		

Section 12 - Ecological Information

Ecotoxicological Information

Acute Toxicity To Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
N/DA	N/DA	N/DA	N/DA	N/DA

Chemical Fate Information

Biodegradability	N/DA
Chemical Oxygen Demand	N/DA

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated.

Do not allow to enter drinking water supplies, wastewater, or soil.

Environmental Fate Information

Section 13 - Disposable Considerations

Follow Federal, State and Local regulations for disposal. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

Section 14 - Transport Information

DOT (49 CFR 172)	
Proper Shipping Name:	Non-Regulated Material
Identification Number:	N/A
Marine Pollutant:	No
Special Provisions:	N/A
Emergency Response Guidebook (ERG) #:	N/A
IATA (DGR):	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Packaging Instructions:	
Emergency Response Guidance (ICAO)#:	
IMO (IMDG):	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Special Provisions & Stowage/Segregation:	None
Emergency Schedule (EmS)#:	
Other Information:	

Section 15 - Regulatory Information

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP's) or ozone depleting substances (ODS's), as defined by the U. S. Clean Air Act: • NONE
Clean Water Act:	This product contains the following chemicals listed under the U.S. Clean Water Act Priority Pollutant List: • NONE
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and/ or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is not considered a hazardous chemical under the OSHA Hazard Communication Standard.

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RCRA	This product contains no chemicals considered to be hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Sec. 304 as extremely hazardous chemicals for emergency release notification ("CERCLA " List).
SARA Title III: Section 311-312:	This product does not contain hazardous substances under the OSHA Hazard Communication Standard, and is not regulated under Section 311-312 (40 CFR 370).
SARA Title III: Section 313:	This product contains the following chemicals outlined in SARA Title III: Section 313: • NONE
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.
TSCA Significant New Use Rule:	None of the chemicals listed have a SNUR under TSCA.

State Regulations

CA Right-to-Know Law:	NONE
California No Significant Risk Rule:	NONE
MA Right-to-Know Law:	NONE
NJ Right-to-Know Law:	NONE
PA Right-to-Know Law:	NONE
FL Right-to-Know Law:	NONE
MN Right-to-Know Law:	NONE

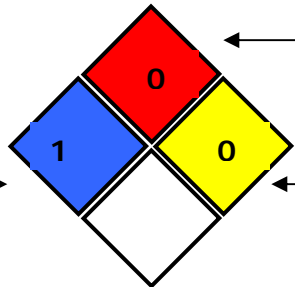
International Regulations

CDSL: Canadian Inventory (On Canadian Transitional List)	None.
EINECS: European Inventory:	<ul style="list-style-type: none"> HAZARD SYMBOLS: N/DA RISK PHRASES: N/DA SAFETY PHRASES: N/DA

Section 16 - Other Information

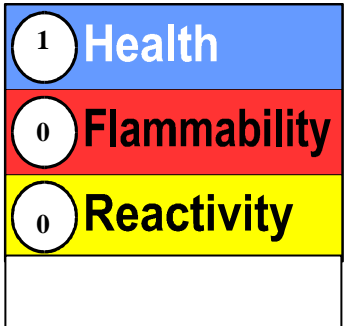
Hazard Rating System (Pictograms)

NFPA:



Health → 1 ← 0 Flammability
 ← 0 Reactivity

HMIS:



1 Health
0 Flammability
0 Reactivity

Reviewed: December 2006	
Revised Sections since Last Version:	Overall format revision December 2006
Revised September 2, 2010 SWR	Deleted Garnet & Zirconium Oxide from ingredient list Per RP

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