

BUCKEYE ABRASIVE, INC.

MATERIAL SAFETY DATA SHEET
May be used to comply with
OHSA'S Hazard communication standard
29 CFR 1910.1200 Standard must be consulted for specific requirements

flammability rating 0
Reactivity rating 0
Health rating 1

Section 1

Manufacturer's Name
Buckeye Abrasive, Inc
1020 Eagon Street
Barberton, Ohio 44203
Prepared by Robert J Armour

Emergency Telephone #
800-321-9608 FAX 330-753-1116

Date prepared: 11/25/1986 (revised 5/8/02)

Section 2-Hazardous Ingredients/Identity Information

Hazardous Components (Chemical Identity/Common Name)

	CAS#	OSHA PEL	ACGIH TLV	% CARCINOGEN	Y/N
Aluminum Oxide	1344-28-1	5MG/CU M	10MG/CU M	40-64	NO
Silicon carbide	409-21-2	5MG/CU M	10MG/CU M	40-64	NO
Zirconium Oxide	1314-234	5MG/CU M	10MG/CU M	40-64	NO
Cured phenolic resins	N/A	N/A	10MG/CU M	8-34	NO
Furfural	98-01-1	N/A	N/A	<1	NO
Cd121 oil	64741-62-4	N/A	N/A	<1	NO
Calcium Fluoride	7789-75-5	5MG/CU M	5MG/CU M	10-20	NO
Calcium Oxide/Hot Lime	1305-78-8	5MG/CU M	5MG/CU M	10-20	NO
Iron Pyrites	1309-36-0	5MG/CU M	5MG/CU M	5	NO
Fiberglass Mess	N/A	5MG/CU M	5MG/CU/M	10	NO
Black Iron Oxide	12227-89-3	N/A	N/A	<1	NO
Paraffin/wax	N/A	N/A	N/A	<1	NO

(wax treated only)

THE COMPONENTS MAY NOT ALL BE USED IN THE PRODUCT AND PERCENTAGES VARY WITH PRODUCT APPLICATION

Section 3-Physical/Chemical Characteristics

Point
Will not boil

Vapor Pressure
N/A

Vapor Density
N/A

SP.GR. H2O=1
1.5-3.0 GRAMS/CC

Melting Point
N/A

Evaporation Rate
N/A

Solubility in Water
NOT SOLUBLE

APPEARANCES AND ODOR: DARK BROWN TO BLACK, NO ODOR (WHEN NOT IN USE) SECTION

Section 4-Fire and Explosion Hazards

Extinguishing Media
Water

Special Fire Fighting Procedures
none

Flash Point
n/a

Explosion hazards
None

flammability limits
n/a

Section 5-Stability

Reactivity Data
Condition to avoid
n/a

incompatibility
avoid acids or bases as they will degrade bonding

hazardous polymerization
will not occur

Stable
yes

Section 6-Health Hazard Data

Routes of entry	Inhalation?	Skin	Ingestion?
	Yes	abrasive action may cause cuts	yes

HEALTH HAZARDS (acute and chronic)

Dust may cause respiratory tract irritation. Repeated or prolonged breathing of particles of respirable size may cause severe respiratory disease. Effects may include inflammation of the lung, chest pain, difficult breathing, coughing and possible fibrotic change in the lung "pneumoconiosis". Pre-existing medical conditions may be aggravated by exposure: specifically, bronchial hyper-reactivity and chronic bronchial or lung disease.

Signs and Symptoms of Exposures: Symptoms of excess exposure may include deposits of material in eyes, ears, and nasal passages. This would include irritation of the mucous membranes, eyes and respiratory tract. Irritation of the skin may occur due to mechanical action.

Carcinogenicity: NTP?	IRAC MONOGRAPHS?	OSHA REGULATED?
N/A	N/A	NOT REGULATED

Medical Conditions generally aggravated by exposure: Individuals with impaired pulmonary function should not be allowed in areas with excessive airborne concentrations.

EMERGENCY AND FIRST AID PROCEDURES: Remove to fresh air and give oxygen as necessary.

Section 7-Precautions for safe handling and use

STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: After inspection, if undamaged, product can be used. If damage DO NOT USE, wheel breakage can cause serious injury. Follow safety code in ANSI B7.1

Waste disposal method: Follow federal, state and local regulations for disposal. Unusable portions or damaged wheels could be sent to a grain reclaimer for recycling.

Precautions to be taken in handling and storage: Protect containers from physical damage and store in a dry area.

Other precautions: Follow normal hygienic practices

Section 8-Control Measures

Respiratory Protection: Use of a NIOSH approved dust respirator is recommended.

Protective Gloves: Work gloves are recommended

Ventilation: Use local exhaust, vent to a dust collector

Eye Protection: Eye and face protection is recommended and should comply with CFR1910.133

Other protective clothing or equipment: Wearing of coveralls, steel toed shoes, hats and aprons.

Work/Hygienic Practices: Food, beverages and smoking materials should not be in the work area. Wash thoroughly to prevent ingestion of grinding dust.

THIS MSDS SHEET WAS COMPILED WITH INFORMATION FORM 29 CFR 1910.1200 AND 29 CFR 1910.1000 SUBPART 7, THE ACGIH BOOKLET AND THE MSDS SHEETS OF OUR SUPPLIERS.