



MATERIAL SAFETY DATA SHEET

MSDS #: 18309

Date of Revision: 8/26/2010

SECTION 1 -- PRODUCT IDENTIFICATION

IDENTITY (Trade Name): Abrasive Cotton Fiber Products

FAMILY/CHEMICAL NAME: Ceramic Abrasive

PRODUCT USE: Mold and die polishing.

MANUFACTURER/SUPPLIER: BORIDE Engineered Abrasives
2615 Aero Park Drive
Traverse City, MI 49686

ORIGINAL ISSUE DATE: July 2010

TELEPHONE NUMBER: (231) 922-2121

24-HOUR EMERGENCY NUMBER: (231) 922-1959

SECTION 2 -- INGREDIENTS

SUBSTANCE DESCRIPTION	PERCENT	OSHA PEL	ACGIH TLV	CAS#
Aluminum Oxide	> 60.00	15mg/m ³ dust	10mg/m ³ dust	1344-28-1
Silicon Carbide	> 60.00	15mg/m ³ dust	10mg/m ³ dust	409-21-2
Phenolic Abrasive Binder **	< 20.00	N/A	N/A	N/A
Polychloroprene Compound **	< 20.00	N/A	N/A	N/A
Nitrile Compound **	< 20.00	N/A	N/A	N/A
Resin Coated Fiberglass	< 10.00	N/A	10mg/M3dust	N/A
Raw Cotton	< 20.00	1mg/m ³ dust	N/A	N/A
Cured Epoxy Resin **	< 10.00	N/A	N/A	N/A

** Substance is a compound and/or mixture

Abrasive Cotton Fiber Products may be comprised of only some of the above.

HMIS HEALTH -1 FLAMMABILITY -0 REACTIVITY-0 PERSONAL PROTECTION – See Section 6

SECTION 3 -- HAZARDS IDENTIFICATION

INHALATION ACUTE EXPOSURE EFFECTS

Dust may be slightly irritating to eyes and respiratory tract at high concentrations.

EYE CONTACT ACUTE EXPOSURE EFFECTS

Dust may irritate eyes.

SKIN CONTACT ACUTE EXPOSURE EFFECTS

Some may experience skin irritation from dust.

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, BORIDE Engineered Abrasives assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the material as supplied to the user.



MATERIAL SAFETY DATA SHEET

MSDS #: 18309

Date of Revision: 8/26/2010

SECTION 4 -- FIRST AID MEASURES

INHALATION

Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately.

SKIN CONTACT

Wash affected areas with soap and water. Obtain medical assistance, if needed.

EYE CONTACT

Wash with large amounts of water. Obtain first aid and medical assistance, if needed.

INGESTION

Call poison control center, hospital emergency room or physician immediately.

SECTION 5 -- HANDLING AND STORAGE

HANDLING

Visually inspect all wheels before mounting, use proper flanges, and check machine speed against the established maximum safe operating speed marked on the wheel. Always use a safety guard covering a least one-half of the grinding wheels, and allow the wheel to run at operating speed for at least one minute before grinding.

STORAGE

Cotton fiber abrasive products should be stored in a dry area in rooms not subject to extreme temperature changes, since excessive humidity and dampness may affect some bonds. Never expose cotton fiber products to water or solvents.

SECTION 6 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION PROTECTION

Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs.

Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at the source.

RESPIRATORY PROTECTION

Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CRF 1910.134) and, if necessary, wear a MSHA/NIOSH approved respirator.

EYE PROTECTION

Wear protective eyeglasses, per OSHA eye and face protection regulations (29 CRF 1910.133). Contact lenses are not eye protective devices.

OTHER PROTECTION

Use of this product may create elevated sound levels. Hearing protection should be worn where required (see OSHA 29 CRF 1910.95 and other applicable regulations).

SECTION 7 -- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR

Solid article. May give off a slight odor when grinding.

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, BORIDE Engineered Abrasives assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the material as supplied to the user.



MATERIAL SAFETY DATA SHEET

MSDS #: 18309

Date of Revision: 8/26/2010

SECTION 8 -- STABILITY AND REACTIVITY

INCOMPATIBILITY

N/A

DECOMPOSITION

In use, dust may be generated. Will not decompose under normal use.

SECTION 9 -- OTHER INFORMATION

ECOLOGICAL INFORMATION

CHEMICAL FATE

Cotton fiber abrasive products do not appreciably decay.

DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

Use standard landfill methods consistent with applicable Federal, State, and local laws.

TRANSPORT INFORMATION

HAZARD CLASS

This product is not hazardous as defined by the Department of Transportation. (USA)

REGULATORY INFORMATION

SARA Title III Section 313:

This product does not contain regulated levels of any toxic chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372.

PROPOSITION 65

This product may contain the following compound(s) known to the State of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the Safe Drinking Water and Toxic Enforcement Act of 1986".

o-Phenyleneate, sodium	CAS No. 123-27-4	< 37.0 ppm
1,3 Butadiene	CAS No. 106-99-0	< 0.04 ppm
Formaldehyde	CAS No. 50-00-0	< 3.0 ppm
Cadmium	CAS No. 7440-43-9	< 1.7 ppm
Lead	CAS No. 7439-92-1	< 0.8 ppm

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, BORIDE Engineered Abrasives assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the material as supplied to the user.