

1. Identification of the Substance/preparation and Company/ Undertaking

Product Name	Abrasive Cotton Fibre Products
Chemical Name	Aluminium Oxide or Silicon Carbide impregnated cotton
Application	Rotary Finishing and Deburring Tools
Supplier	Morrisflex Ltd London Road, Braunston Northants NN11 7HX . United Kingdom
Contact	Tel +44 (0) 1788 891777 Fax +44 (0)1788 891629 Email info@morrisflex.co.uk

2. Composition/ Information on Ingredients

Substance Description	Percent	OSHA Pel	ACGIH Tlv	Cas#
Aluminum Oxide 28-1	>60.000	15mg/M3dust	10mg/M3dust	1344-
Silicon Carbide 2	>60.000	15mg/M3dust	10mg/M3dust	409-21-
Phenolic Abrasive Binder **	< 20.000	N/A	N/A	N/A
Polychloroprene Compound **	< 20.000	N/A	N/A	N/A
Nitrile Compound **	< 20.000	N/A	N/A	N/A
Resin Coated Fiberglass	< 10.000	N/A	10mg/M3dust	N/A
Raw Cotton	< 20.000	1mg/M3 dust	N/A	N/A
Cured Epoxy Resin **	< 10.000	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.

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.

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 for medical assistance immediately, or visit A & E at the local hospital.

5. Fire Fighting Measures

Abrasive Impregnated Cotton products present no specific fire hazard on their own but their interaction with the workpiece material can produce potentially dangerous dusts and elevated temperatures. Working on materials like Aluminium, Titanium and Magnesium can generate fire hazards and it is recommended that a suitable quenching media (typically water) be at hand together with appropriate extinguishing media like CO₂, Foam or Water.

6. Accidental Release

Not considered applicable

7. 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.

8. Exposure Controls / Personal Protection
