

Kelán Circuits Ltd
 Wetherby Road
 Boroughbridge
 North Yorkshire
 YO51 9UY

Product Name
 Sandflex Hand Blocks
 EC-Material Safety Data Sheet
 Version/date October 21st 2003
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MATERIAL SAFETY DATA SHEET FOR ORGANIC BONDED ABRASIVES
 Formatted by FEPA as per EC Directive 91/155/EG and ISO Standard 1104-1

1. Identification of Product and Company:

- 1.1. Product Name: Sandflex Hand Blocks.
 1.2. Application: Organic bonded abrasives for the grinding of different kinds of materials.
 1.3. Company Identification:

Company: Kelán Circuits Ltd
 Phone: +44 (0)1423 321101
 Fax: +44 (0)1423 321107
 Email: sales@kelan.co.uk

2. Composition/Information on Ingredients.

The products do not contain marking required ingredients as per 67/548 EEC and 99/45 EC

Name	CAS	EG No (ELINCS/EINECS)	Concentration-area	Classification	R-Phrases

3. Hazards Identification. See also sections 8 and 16.

Not applicable

Organic Bonded Abrasives are not dangerous substances or preparations in EC directive No 99/45.

4. First Aid Measures. See also sections 8 and 16.

Inhalation: Not possible, due to the form of the product
 Eye Contact: Not possible, due to the form of the product
 Skin Contact: No harmful effects known
 Ingestion: Not likely, due to the form of the product, if necessary contact physician.

5. Fire Fighting Measures.

Toxic fumes may occur. Use respiratory protective equipment.

Extinguishing Media: Water, Foam, Sand, Powder or CO₂, as appropriate for surrounding materials.

6. Accidental Release Measures.

Not applicable.

7. Handling and Storage.

Follow instructions and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

8. Exposure Controls/Personal Protection. Before grinding risk assessment should be performed and individual personal protection measure adopted accordingly.

- 8.1. Exposure Limits. Keep limits of the following components under surveillance (Observe the regional official regulations for dust)

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Name	CAS	EG No	Concentration Limits (daily average value)

Note: Hazardous dust of workpiece material may be generated during grinding and/or sanding operations.

8.2. Exposure control and limitations.

8.2.1. Exposure control and limitations of the work environment. – Observe the regional official regulations for dust.

8.2.1.1. Respiratory protection: Use respiratory equipment (type depends on specific application and material being ground)

8.2.1.2. Hand protection: Wear protective gloves (type depends on specific application and material being ground)

8.2.1.3. Eye protection: Wear protective goggles or face shield (type depends on specific application and material being ground)

8.2.1.4. Hearing Protection: Use hearing protection (type depends on specific application and material being ground)

8.2.1.5. Body protection: Use protective clothing (type depends on specific application and material being ground)

9. Physical and Chemical Properties.

9.1. Physical State: Solid

9.2. Colour: According to the type of abrasive

9.3. Solubility in Water: Not measured

10. Stability and Reactivity.

10.1. Stability: Organic Bonded Abrasives are stable when handled or stored.

10.2. Reactivity:

10.2.1. Conditions to avoid: No decomposition in normal storage.

10.2.2. Materials to avoid: No dangerous reactions known.

10.2.3. Hazardous decomposition products: At temperatures exceeding 250°C hazardous or toxic decomposition products may be generated.

11. Toxicological Information: See also Section 8

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.

12. Ecological Information:

12.1. Ecotoxicity: No effects known

12.2. Mobility: No potentials known

12.3. Persistence and degradability: No biodegradable potentials known

12.4. Bioaccumulative potential: No potentials known

12.5. Other hazardous effects: No effects known

13. Disposal Considerations:

13.1. Product: Follow national and regional regulations.

Due to the ingredients (sum concentration under the limit) disposal as non hazardous waste (2000/532/EC is possible if no hazardous materials are added to the abrasives (EWC – No 120121).

Due to the ingredients (sum concentration above the limit) disposal as hazardous waste (2000/532/EC) (EWC – No 120120)

13.2. Packing: Following national and regional regulations.

14. Transport Information: The product is not covered by international regulation on the transport of dangerous goods.

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15. Regulatory Information: No specific marking requirements under respective EC directives.

16. Other Information: None

Under paragraph 2 of this material safety data sheet, only those substances/ingredients of the abrasive are listed, where a marking as per 67/548 EEC and 99/45 EC is required. The listing can be completed either by marking the substance or by deleting of the ingredients, which are not in use.

Substances, that are not on the list, but in the abrasive and where a marking as per 67/548 EEC and 99/45 EC is required, have to be added in the table.

A material safety data sheet is legally compliant only, if the issuer prepares/adds individual data.

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.

Issued by: Technical Director, Kelan Circuits Ltd

Contact: Mr Lindsay Edgar

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