



FEDERATION EUROPEENNE DES  
FABRICANTS DE PRODUITS ABRASIFS



Safety Data Sheet  
Reference: siatech wheels  
Version/Revision:3  
Printing date: 24/12/2009

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## SAFETY DATA SHEET FOR NONWOVEN ABRASIVES

### 1. Identification of the product and of the company/undertaking:

#### 1.1 Identification of the product:

siatech wheels Series 6410  
siatech wheels Series 6420  
siatech wheels Series 6430  
siatech wheels Series 6510  
siatech wheels Series 6520  
siatech wheels Series 6530  
siatech wheels Series 6540  
siatech wheels Series 6550

#### 1.2 Use of the product:

For the de-burring and surface treatment of varied substances

#### 1.3 Company identification:

Company: sia Fibral Ltd  
Address: Ellistones Lane Phone: +44 (0) 1422 313000  
Greetland, Halifax Fax: +44 (0) 1422 313017  
HX4 8NH UK E-mail: [technical.support@sia-fibral.com](mailto:technical.support@sia-fibral.com)

1.4 Emergency telephone number +49 (0) 551 19240

### 2. Hazards Identification

Not applicable  
Abrasives are articles and not dangerous substances or preparations according to directive 1999/45/EC  
See also section 8 and 16

### 3. Composition/Information on Ingredients

The product contains the following ingredients which are classified according to 67/548/EEC and 99/45/EC

Name	EC Nr. (ELINCS/EINECS)	CAS N°	Concentration range	Classification

(For the full text of the R-phrases see section 16)

### 4. First Aid Measures



See also section 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  
 Note to physician: Not available

### 5. Fire Fighting Measures

Toxic fumes may occur. Use respiratory protective equipment

Extinguishing media: water, foam, sand, powder or CO<sub>2</sub> as appropriate for surrounding materials

### 6. Accidental release measures

Not applicable

### 7. Handling and Storage

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

### 8. Exposure Controls / Personal Protection

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly

#### 8.1. Occupational exposure limit values and/or biological limit values

Keep exposure to the following components under surveillance

(Observe also the regional official regulations)

Name	CAS Nr.	Specification	Concentration limits (daily average value)	Short term value	remarks

Note: Hazardous dust of the workpiece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration

#### 8.2. Exposure controls

##### 8.2.1. Occupational exposure controls

8.2.1.1. Respiratory protection: Use respiratory protective 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)



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- 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: red/green/grey/brown/blue/black/tan according to grade
- 9.3 Solubility in water: not applicable

## 10. Stability and Reactivity

### Stability

Nonwoven Abrasives are stable when handled or stored correctly

### Reactivity

- 10.1 Conditions to avoid:  
Temperatures over 200°C for excessive periods
- 10.2 Materials to avoid:  
No dangerous reactions known
- 10.3 Hazardous decomposition products:  
In normal use, hazardous decomposition products are not expected  
CO, CO<sub>2</sub>, NO<sub>x</sub>, HCN, aldehydes (including CH<sub>2</sub>O), particulate matter and other organic compounds may be formed during combustion

## 11. Toxicological Information

No toxicological effects if inhaled or swallowed or with eye or skin contact are known  
See also section 8

## 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. All siatech wheels Series  
Follow national and regional regulations!

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Due to the ingredients and properties disposal as non hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives. (EWC – Nr. 120121)



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Due to the ingredients and properties disposal as hazardous waste (2000/532/EC)  
(EWC – Nr. 120120)

13.2. Packing  
Follow national and regional regulations!

#### 14. Transport Information

The product is not covered by international regulation on the transport of dangerous goods

#### 15. Regulatory Information

No specific labelling requirements under respective EC directives

#### 16. Other Information

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the 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: J. Woo

Contact: J. Woo