**Voluntary product information based on the format of a safety data sheet for coated, nonwoven and foam abrasive**

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

### 1.1 Product identifier

| | |
|---|---|
| Series, name: | 1748 sialac |
| Grit range: | 150 to 400 |
| Reverse side: | fast |

### 1.2 Use of product

Recommended use: Coated abrasives on backing for grinding/ sanding different.

### 1.3 Details of the supplier of the voluntary product information:

| | |
|---|---|
| Company: | sia Abrasives Industries AG |
| Address: | Mühlewiesenstrasse 20<br>CH-8501 Frauenfeld<br>Switzerland |
| E-mail: | msds.ch@sia-abrasives.com |

### 1.4 Emergency telephone number:

Phone (08:00 – 16:00 MESZ): +41 72 724 41 1

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## 2. Hazards identification

### 2.1. Classification

Not applicable
Abrasives are articles and not dangerous substances or mixtures according to Regulation (EC) N° 1272/2008.
See also section 8 and 16.

### 2.2. Label elements

Abrasives are articles and not dangerous substances or mixtures and therefore no labelling is required according to Regulation (EC) N° 1272/2008.

### 2.3. Other hazards

Not known.

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## 3. Composition/information on ingredients

The product contains the following ingredients which are classified according to Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

| Substance | EC-N° (if available) | CAS-N° (if available) | REACH Reg. N° (if available) | Conc. (%) | Classification acc. to Regulation (EC) N° 1272/2008 | |
|---|---|---|---|---|---|---|
| | | | | | Hazard classes / hazard categories | Hazard statements |

Nothing to declare

(for full text of H-phrases see section 16)

**Remark** No PDMS (silicone-oils) present in this product

## 4. First aid measures

See also section 8 and 16

### 4.1. Description of first aid measures

Inhalation

Not possible, due to the form of the product. If dust is inhaled, move person to fresh air. If breathing is difficult, have qualified personnel administer oxygen. Seek medical attention if irritation or other symptoms persist.

Eye contact

Remove contact lenses if present and easy to do so. Flush eyes thoroughly with large amounts of water, holding eyelids open. If irritation persists, seek medical attention.

Skin contact

Wash skin with soap and water. If irritation or other symptoms develop, seek medical attention.
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Ingestion

Not likely, due to the form of the product. In the event of, do not induce vomiting. Rinse mouth with water. Seek medical attention if a large amount is swallowed or if you feel unwell..

### 4.2. Most important symptoms and effects, both acute and delayed

Not known, but dust may cause eye and respiratory irritation. Prolonged inhalation of high concentration of dust may cause adverse effects on the lungs.

### 4.3. Indication of any immediate medical attention and special treatment needed

Not relevant. Treat symptomatically.

## 5. Fire fighting measures

### 5.1. Extinguishing media:

Extinguishing media: water, foam, sand, powder or C02 as appropriate for surrounding materials.

### 5.2. Special hazards arising from the product

Toxic fumes may occur. Use respiratory protective equipment.

### 5.3. Special protective equipment and precautions for fire-fighters

Extinguishing materials should be selected according to the surrounding area.

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## 6. Accidental release measures

Not applicable.

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## 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

### 8.1. Control parameters

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

Occupational exposure limit values and/or biological limit values.

Keep exposure to the following components under surveillance.
(Observe also the regional official regulations

| Substance | EC-No (if avail.) | CAS-No (if avail.) | Limit value type (Country of origin) | Occupational limit value / PEL | | | | Peak limit | Source |
|---|---|---|---|---|---|---|---|---|---|
| | | | | Long term / TWA | | Short term / STEL | | | |
| | | | | mg/m3 | ml/m3 (ppm) | mg/m3 | ml/m3 (ppm) | | |

Nothing to declare

**Abbreviation:**

e: inhalable / einatembar
a: respirable / alveolengängig
NA: not applicable / nicht zutreffend

**EUROPE:**
Longterm: The employee's average airborne exposure in any 8-hour work shift of a 42-hour work week which shall not be exceeded.
Shortterm: Maximum exposure of four 15min periods per 8 hour shift, with at least 60 minutes between exposure periods

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. Individual protection measures**

**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)

**8.2.1.4. Hearing protection**

Use hearing protection
(type depends on specific application and material being groun)

**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. Information on basic physical and chemical properties

| | |
|---|---|
| General Physical Form | solid |
| Product Apperance | abrasive Product |
| Grade | 150 - 400 |
| Color | blue |
| Odor | No odor |
| Odor Threshold | Not applicable |
| pH | Not applicable |
| Melting point | Not applicable |
| Boiling point | Not applicable |
| Flash point | Not applicable |
| Evaporation rate | Not applicable |
| Flammable Limits (LEL) | Not applicable |
| Flammable Limits (UEL) | Not applicable |
| Vapor density | Not applicable |
| Specific gravity | Not applicable |
| Solubility in Water | Not applicable |
| Solubility non Water | Not applicable |
| Partition coefficient: n-octanol / water | Not applicable |
| Autoignition temperature | Not applicable |
| Decomposition temperature | Not applicable |
| Viscosity | Not applicable |

### 9.2. Other information

None

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## 10. Stability and reactivity

### 10.1. Reactivity

Product is stable when handled or stored correctly

### 10.2. Chemical stability

No decomposition in normal use.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

### 10.4. Conditions to avoid

Product is stable when handled or stored correctly. 

### 10.5. Incompatible materials

No dangerous reactions known.

### 10.6. Hazardous decomposition products

None known. At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated – see section 5.2

## 11. Toxicological information

### 11.1. Information on acute effects of exposure

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

## 12. Ecological information

### 12.1. Toxicity

No effects known.

### 12.2. Persistence and degradability

No biodegradable potentials known.

### 12.3. Bioaccumulative potential

No potentials known.

### 12.4. Mobility in soil

No potentials known.

### 12.5. Results of PBT and vPvB assessment

Not relevant.

### 12.6. Other adverse effects

No effects known.valuated.

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## 13. Disposal considerations

### 13.1. Waste treatment methods

Dispose in accordance with all local, state and national regulations. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

### 13.1.2. Product

Follow national and regional regulations.

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),

### 13.1.3. 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

### 15.1. Safety, health and environmental regulations/legislation specific for the product

No specific labelling requirements under respective EC directives.

### 15.2. Chemical safety assessment

Not relevant.

## 16. Other information

### 16.1. Changes to the previous versions

See sections 1 to 16.

### 16.2. Literature and data sources

REACH Regulation (EC) Nr. 1907/2006
Regulation (EC) N° 1272/2008
Directive 98/24/EC
Directive 2000/39/EC
Directive 75/324/EEC
Decision 2000/532/EC
Transport regulations according to ADR, RID und IATA.

### 16.3. Hazard statements referred to in section 2 and 3

According to Regulation (EC) N° 1272/2008

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product and shall be used only as a guide. The information does not form part of any contractual agreement and relates only to the product designated herein and does not relate to its use in combination with any other material or process. It remains the user's responsibility to adhere existing laws and regulations.

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