

**Silicon Carbide****1. IDENTIFICATION OF SUBSTANCES / MIXTURE AND OF THE COMPANY / UNDERTAKING****Product Identifiers**

Product Name: **Silicon carbide**  
Alternative names: Carborundum  
Product code: OCON-001, OCON-002, OCON-003, OCON-004, OCON-005, OCON-006

**Relevant identified uses of the substance or mixture and uses advised against**

Identified uses: Abrasive material for polishing applications  
Uses advised against: This product is to be used only for the purpose stated above.

**Details of the supplier of the safety data sheet**

Manufacturer: Logitech Ltd  
Erskine Ferry Road  
Old Kilpatrick  
Glasgow  
G60 5EU  
Scotland, UK

Telephone +44 (0) 1389 875444  
E-mail coshh.info@logitech.uk.com

**Emergency telephone number**

+44 (0) 1389 875444 (09:00 – 17:00 Monday to Friday)

**2. HAZARDS IDENTIFICATION****Classification of the substance or mixture**

This material is a substance

**Classification according to Regulation (EC) 1272/2008 (EU 'CLP' regulation) as amended:**

Not classified as hazardous

**Classification according to CHIP and EU Directives 67/548/EEC or 1999/45/EC**

Not classified as dangerous

**Label elements****Labelling elements according to Regulation (EC) 1272/2008 (EU 'CLP' regulation)**

No labelling required under these regulations

**Labelling elements according to CHIP and EU Directives 67/548/EEC or 1999/45/EC**

No labelling required under these regulations

**Other hazards**

High levels of dust may be irritating to the respiratory tract or may cause skin irritation by mechanical action.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

This material is a substance

Component	CAS No.	EC No.	%
<b>Silicon Carbide</b>	<b>409-21-2</b>	<b>206-991-8</b>	<b>&gt;99</b>

#### 4. FIRST AID MEASURES

##### Description of first aid measures

###### General advice

Remove from source of exposure.

###### Inhalation

Remove from exposure, rest and keep warm. If a significant quantity of powder was inhaled, or if there are signs of irritation or difficulty breathing seek medical attention.

###### Ingestion

Wash out mouth thoroughly with water. Do not induce vomiting. Seek medical advice.

###### Skin contact

Rinse well with plenty of water. In the event of persistent irritation seek medical advice

###### Eye contact

Rinse immediately, including under the eye lids, with plenty of water for at least 10 minutes. If irritation persists seek medical advice.

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

No specific effects and/or symptoms have been reported or are known.

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

None

#### 5. FIRE-FIGHTING MEASURES

##### Extinguishing media

This product does not burn.

Suitable extinguishing media: Water spray, alcohol resistant foam, dry extinguishing powder, carbon dioxide

Unsuitable extinguishing media: None

##### Special hazards arising from the substances or mixture

None identified

##### Advice for fire fighters

None identified

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

Keep people away from the spillage.

Take precautions to minimise the generation of airborne dust.

Provide adequate ventilation

Avoid breathing airborne dust – wear Personal Protective Equipment (PPE) if necessary.

Minimise skin and eye contact to prevent irritation by mechanical action..

##### Environmental precautions

Minimise release to environment. This product is not environmentally harmful but release to the environment must not be considered as a disposal route.

##### Methods and material for containment and cleaning up

Dampen spillage with water to minimise dust generation, then sweep up and place in a container for disposal.

Remove final residues with wet cloths or rinse to foul sewer with water

##### Reference to any other sections

See section 8 for details of Personal Protective Equipment (PPE)

See section 13 for disposal information

#### 7. HANDLING AND STORAGE

##### Precautions for safe handling:

Avoid breathing – provide adequate ventilation or extraction if process generated significant airborne dust.  
minimise contact with skin, eyes, and clothing to prevent irritation by mechanical action..  
Wear personal protective equipment if necessary to control such contact.

**Conditions for safe storage, including any incompatibilities**

Keep containers sealed in a cool, well ventilated area.

**Specific end use(s)**

None identified

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters**

**Exposure limits**

The UK Workplace Exposure Limit (WEL) for general (nuisance) dust applies to this material:

Inhalable dust	LTEL	10 mg/m <sup>3</sup> (8 hr TWA)
Respirable dust	LTEL	4 mg/m <sup>3</sup> (8 hr TWA)

Other exposure limits may be specified in individual countries. Check national legislation for appropriate exposure limits.

Exposure should be controlled to avoid exceeding the specified limits.

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available

**Exposure controls**

**Appropriate engineering controls**

Use ventilation (natural or forced) or extraction to minimise inhalation of dust.

**Personal protective equipment**

If PPE is required to control exposure, use:

**Eye / face protection**

If eye contact is likely wear EN approved safety glasses with side shields, goggles or face shield.

**Skin protection:**

Wear any gloves that provide a barrier to powder contact. Replace gloves before the inner surface becomes contaminated with the powder.

Wear long sleeved clothing.

**Respiratory protection:**

If necessary to minimise exposure to dust, wear an EN149 approved respirator fitted with a particle filter (filter type P1, P2 or P3).

The correct selection, fitting, use, storage and maintenance of respiratory protective equipment is important. Follow manufacturer's recommendation or seek expert advice. HSE document HSG 53 provides some guidance

The use of respiratory protection should only be considered as a short term safety measure until effective engineering controls are implemented.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemicals properties**

Appearance:	grey, grey / green or black powder.
Odour:	Odourless
Odour threshold:	not applicable
pH:	not applicable – insoluble in water
Melting point:	> 2500°C
Boiling point:	information not available
Flash point:	information not available
Evaporation rate	information not available
Flammability	information not available



Acute toxicity for crustacea no data available  
Acute toxicity for algae no data available

**Persistence and biodegradability**

Data not available

**Bioaccumulative potential**

Data not available.

**Mobility in Soil**

Insoluble in water

**Results of PBT and vPvB assessment**

Data not available. Not expected to be classified as PBT or vPvB.

**Other adverse effects**

Data not available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Product**

Dispose of product as non-hazardous waste in accordance with local, national and international legislation, using an approved registered waste disposal company.  
The European Waste Code will depend upon the use of the product and cannot be specified here.

**Packaging**

Clean packaging and containers can be disposed of as general waste: European Waste Code 15 01 xx (xx will depend upon the type of packaging e.g. plastic, cardboard etc. Refer to European Waste Catalogue).

**14. TRANSPORT INFORMATION**

**UN number**

Not a dangerous good

**UN proper shipping name**

Not a dangerous good

**Transport hazard class(s)**

Not a dangerous good

**Packing group**

Not a dangerous good

**Environmental hazards**

Not a dangerous good

**Special precautions for user**

None identified

**Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code**

No information available

**15. REGULATORY INFORMATION**

This Safety Data Sheet has been prepared in accordance with the requirements of regulation (EC) No 1907/2006 as amended by regulation (EU) No 453/2010.

Workplace exposure Limits given in section 8 have been taken from the UK HSE document: EH40/2005 Workplace exposure limits as amended.

Relevant regulations:

Regulation (EC) 1272/2008 (EU 'CLP' regulation)

Regulation (EC) 790/2009 First Adaptation to Technical Progress (ATP) for CLP regulation

Regulation (EC) 286/2011 Second Adaptation to Technical Progress (ATP) for CLP regulation

EU Directive 67/548/EEC ('Dangerous Substances Directive')  
Regulation (EC) No 1907/2006 ('REACH')  
Regulation (EU) No 453/2010.  
DSEAR: Dangerous Substances and Explosive Atmospheres Regulations 2002

**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
None identified

**Chemical safety assessment**

A Chemical Safety Assessment has not been undertaken for this product.

<b>16. OTHER INFORMATION</b>
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The information contained in the Safety Data Sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, storage, transportation and disposal. It is not intended as a warranty or specification. The information relates only to the product specified and may not be suitable for combinations with other materials.