

**1. IDENTIFICATION OF SUBSTANCES / MIXTURE AND OF THE COMPANY / UNDERTAKING****Product Identifiers**Product Name: **Quartz Wax**

Product code: OCON-200

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

Identified uses: Wax for mounting samples.

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)

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

This material is a mixture

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

Skin sensitiser Category 1 H317: May cause an allergic skin reaction

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

Symbol(s) Xi - Irritant

Risk phrase(s) R43 - May cause sensitisation by skin contact

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

Pictogram (s):

Signal Word: **WARNING**

Hazard Statements

May cause an allergic skin reaction

Precautionary Statements

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray

Wear protective gloves/ protective clothing/ eye protection/ face protection

IF ON SKIN: Rinse Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.  
Contaminated work clothing should not be allowed out of the workplace.  
Wash contaminated clothing before reuse.

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

Symbol:



Indication of Danger: IRRITANT

Risk phrases: May cause sensitisation by skin contact

Safety phrases: Avoid contact with skin  
Wear suitable gloves

Contains Polymerised Rosin (CAS No. 65997-05-9)

**Other Hazards**

If overheated (200 °C or above) or burned it is likely that the polymerised rosin (polymerised colophony) will decompose and produce fumes containing a range of resin acid particulates. Such fumes act as respiratory sensitisers and can lead to occupational asthma or make existing asthmatic conditions worse. The fume can also cause irritation to the eyes and upper respiratory tract.

Polymerised rosin (polymerised colophony) may cause sensitisation by skin contact. In this product the polymerised rosin is encapsulated in a wax matrix which will reduce the exposure to rosin.

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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

This material is a mixture.

Hazardous substances present at or above threshold limits:

Component	CAS No.	EC No.	%
<b>Polymerised rosin (polymerised colophony)</b>	<b>65997-05-9</b>		<b>45 - 75</b>
<i>Classification according to CHIP and EU Directives 67/548/EEC or 1999/45/EC:</i> Xi - Irritant R43 - May cause sensitisation by skin contact			
<i>Classification according to Regulation (EC) 1272/2008 (EU 'CLP' regulation) as amended:</i> Skin sensitizer Category 1 H317: May cause an allergic skin reaction			

The remainder of the product is a mixture of waxes not classified as hazardous/

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**4. FIRST AID MEASURES**

**Description of first aid measures**

**General advice**

Remove from source of exposure.

**Inhalation**

If powder / dust is inhaled, remove material by mechanical means (blowing nose, coughing etc) Do not use solvents. If person experiences continued irritation seek medical advice.

Inhalation of fumes from hot material: Move to fresh air. If person experiences continued irritation seek medical advice.

**Ingestion**

Do not induce vomiting. Seek medical advice

**Skin contact**

Wash area with soap and water then rinse thoroughly with water. If person experiences persistent irritation seek medical advice.

**Eye contact**

Wash out with plenty of water. After initial flushing, remove any contact lenses and continue flushing.

Seek medical advice in the event of continued irritation or other complaints.

**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

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**5. FIRE-FIGHTING MEASURES****Extinguishing media**

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**

Product is based on organic materials and contains polymerised rosin (polymerised colophony). Combustion will produce carbon dioxide, carbon monoxide and irritating, toxic organic chemicals and rosin decomposition products. The rosin decomposition products are respiratory sensitisers.

**Advice for fire fighters**

Wear self-contained breathing apparatus.

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**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Spillages may create a slip hazard.

Prevent contact with skin – wear impervious gloves when handling the material.

**Environmental precautions**

Do not allow to contaminate rivers, streams, other waterways, drains, soil or the remaining environment.

**Methods and material for containment and cleaning up**

Sweep or scrape the spillage into a sealable storage container.

**Reference to any other sections**

See section 13 for disposal information

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**7. HANDLING AND STORAGE****Precautions for safe handling:**

Prevent skin contact.

Do not breathe dust.

Do not overheat the wax. Follow manufacturer's recommendations regarding suitable temperatures and do not exceed 200 °C.

Do not breathe fumes from overheated or burning material.

DO NOT BURN THE WAX

Dust / air mixtures may present an explosive hazard under some circumstances.

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

No special requirements

**Specific end use(s)**

None identified

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Control parameters****Exposure limits:**

There is no UK Workplace Exposure Limit (WEL) or EU Indicative Occupational Exposure Limit Value (IOELV) for this material.

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

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

**Exposure controls****Appropriate engineering controls**

Provide ventilation / extraction to prevent inhalation of dust or fume from heated material.

**Personal protective equipment**

If PPE is necessary to control exposure use the following:

<b>Respiratory protection</b>	For dust only, use an EN149 approved respirator fitted with a particle filter (type P1, P2 or P3). For dust and fumes from hot material, use an EN149 approved respirator fitted with a combined particle and organic vapour filter (type AP). 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
<b>Hand protection</b>	Wear protective gloves (all types suitable provided they are replaced before the inside becomes contaminated with the product.
<b>Skin protection</b>	Long sleeved clothing.
<b>Eye protection</b>	EN approved goggles or face shield

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**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemicals properties**

Appearance:	yellow waxy solid
Odour:	slight 'paraffinic'
Odour threshold:	information not available
pH:	information not available
Melting point:	70 °C
Boiling point:	204 °C
Flash point:	information not available
Evaporation rate	information not available
Flammability	information not available
Upper/lower explosive limits	information not available
Vapour pressure	information not available
Vapour density	information not available
Density	>1.0 g/cm <sup>3</sup>
Solubility in water:	Insoluble in water.
Solubility in other	
Ingredients:	information not available
Partition coefficient	
Octanol/water:	information not available
Auto-ignition temperature	information not available
Decomposition temperature	information not available
Viscosity	information not available
Explosion properties:	information not available
Oxidising properties:	Not oxidising.

**Other information**

No additional data available

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**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive to materials commonly used in the transportation, handling and storage.

**Chemical stability**

Stable at room temperature.

**Possibility of hazardous reactions**

No hazardous reactions known

**Conditions to avoid**

High temperatures, ignition sources

**Incompatible materials**

Strong oxidising agents

**Hazardous decomposition products**

Combustion will produce carbon dioxide, carbon monoxide and irritating and toxic organic chemicals including rosin decomposition products that are classified as respiratory sensitisers.

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**11. TOXICOLOGICAL INFORMATION****Information on toxicological effects**

Acute toxicity	no data available
Irritation	no data available
Corrosively	no data available
Sensitisation	no data available
Repeated dose toxicity	no data available
Carcinogenicity	Not classified as carcinogenic
Mutagenicity	no data available
Toxicity for reproduction	no data available

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**12. ECOLOGICAL INFORMATION****Toxicity**

Acute toxicity for fish	no data 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**

Data not available.

**Results of PBT and vPvB assessment**

No components are classified as PBT or vPvB.

**Other adverse effects**

Data not available

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**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****Product**

Dispose of product as 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 or contaminated packaging 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). Recycle such waste wherever possible.

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**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

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**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.

**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.

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**16. OTHER INFORMATION****Changes from previous version (version 2):**

- a) Section 2      Reclassification as hazardous (and associated information)
- b) Section 3      Information on hazardous components
- c) Section 5      Additional information on special hazards
- d) Section 7      Additional guidance on safe handling
- e) Section 8      Revised guidance on Engineering controls
- f) Section 10     Revised information on hazardous decomposition products
- g) Section 13     Revised guidance on disposal

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.