

Material Safety Data Sheet

QUARTZ
WAX

Date prepared: 18th September 2001 Date revised: 15th January 1996

0CON-200

1. Identification of the Substance/Preparation and the Company/ Undertaking

Substance or preparation trade name: **Quartz Wax**

Unique reference number(s): **0CON-200**

Company/undertaking name & address: **Logitech Ltd.,
Erskine Ferry Road, Old Kilpatrick, Glasgow
G605EU, Scotland, UK**

Telephone: **(+44) 1389 875444**

Emergency telephone number: **As above**

2. Composition

Substance:	Polymerised Rosin	Separated Beeswax	Microcrystalline Wax
% content:	45 to 75	10 to 20	15 to 30
CAS number:	65997-05-9	N/A	64742-42-3

3. Hazards Identification

The substance contains no hazardous components and is not carcinogenic (IARC, HTP, ACGIH, OSHA). No medical conditions are generally aggravated by exposure, but skin burns may be caused by exposure to hot wax.

4. First Aid Measures

Inhalation: ***Presents no specific danger.***

Skin contact: ***Burns from molten material should be handled by promptly immersing affected part(s) in cold water. Immediate removal of wax is not necessary.***

Eye contact: ***N/A***

Ingestion: ***N/A***

5. Fire-Fighting Measures

Suitable extinguishing media:	<i>CO₂ fog, foam or dry chemical. In case of fire, smother burning material.</i>
Unsuitable extinguishing media:	<i>Do not use water stream - this may cause spattering or bumping.</i>
Special exposure hazards in fire:	<i>None.</i>
Required special protective equipment for fire-fighters:	<i>None established.</i>

6. Accidental Release Measures

Personal precautions:	<i>Use thick rubber gloves, safety goggles and appropriate protective clothing when handling molten material.</i>
Environmental precautions:	<i>None established.</i>
Methods for cleaning:	<i>If molten material is spilled, allow it to set. Scrape off surface and place in a suitable container for proper disposal.</i>

7. Handling and Storage

Handling:	<i>Normal handling and storage for thermoplastics. Local exhaust ventilation is suggested.</i>
Storage:	<i>Do not store near flame or source of heat.</i>

8. Exposure Controls

Exposure control limits, and source:	<i>None established.</i>
Respiratory protection:	<i>Not required for normal usage.</i>
Hand protection:	<i>Use thick rubber gloves when handling molten material.</i>
Skin protection:	<i>Appropriate protective clothing when handling molten material.</i>
Eye protection:	<i>Goggles recommended when handling molten material.</i>

9. Physical and Chemical Properties

Appearance:	<i>Brittle, opaque amber, chippable wax.</i>
Odour:	<i>Odour of sweet rosin-wax.</i>
Hardness:	<i>20-25 DMM</i>
Ash content:	<i>0.02 wt% max</i>
Boiling point:	<i>204°C</i>
Melting point:	<i>70°C</i>
Flashpoint:	<i>246°C</i>
Closed cup / open cup:	<i>Open cup.</i>
Flammability:	<i>N/E</i>
Autoflammability:	<i>N/E</i>
Explosive properties:	<i>N/E</i>
Oxidising properties:	<i>N/E</i>
Vapour pressure:	<i>Nil.</i>
Relative density:	<i>N/E</i>
Solubility:	<i>Insoluble in water.</i>
Other:	<i>Specific gravity at 25°C (H₂O = 1): 0.982</i>

10. Stability and Reactivity

Stability:	<i>Stable</i>
Conditions to avoid:	<i>Do not store near flame or source of heat.</i>
Materials to avoid:	<i>None</i>
Hazardous decomposition products:	<i>Complete oxidation of thermal decomposition products produces normal products of composition. Hazardous polymerisation will not occur.</i>

11. Toxicological Information

No toxicological information available.

12. Ecological Information

Possible effects:	<i>No data available.</i>
Behaviour:	<i>No data available.</i>
Environmental fate:	<i>No data available.</i>

13. Disposal Considerations

Likely residues/waste product (if any):	<i>As stated in Section 10, complete oxidation of thermal decomposition products produces normal products of composition. No other residues or waste product are produced.</i>
Safe handling of any residues/waste product:	<i>Dispose of in accordance with local and national regulations.</i>

14. Transport Information

Special carriage precautions in carriage (on-site or externally):	<i>None.</i>
Classification data:	<i>Non-hazardous.</i>

15. Regulatory Information

Supply label information: ***Not dangerous for supply.***

NOTE: THIS DATA SHEET DOES NOT CONSTITUTE A USER'S ASSESSMENT OF WORKPLACE RISK AS REQUIRED BY HSW ACT, COSHH, MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS, OR OTHER HEALTH AND SAFETY LEGISLATION.

16. Other Information

Recommendations/restrictions:	<i>The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.</i>
Use:	<i>Temporary bonding purposes.</i>
Sources of key data used to compile Safety Data Sheet:	<i>Croner's Hazard Information and Packaging, 3/95</i>
Abbreviations:	<i>N/E: Not established N/A: Not available</i>

The data contained in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.