

Material Safety data sheet

In compliance with Article 31 and Annex II of Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Product: Tacky Wax

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier: Material/trade name: **Tacky Wax**

Product number(s): **51-1625-0471**

1.2. Relevant identified uses of the substances or mixture and uses advised against

Relevant identified uses: Adhesive Wax

1.3. Details of the supplier of the safety data sheet

Company:

Oxford Instruments NanoAnalysis

Halifax Rd, High Wycombe HP12 3SE

United Kingdom

Tel: +44 (0) 1494 442255

• **Further information obtainable from: Technical Support**

2. Hazards identification

2.1. Classification of the substance or mixture

Contains:

Regulation (EC) No. 1272/2008 classification: Physical and chemical hazards:

Not classified as hazardous

Human health hazards: **Not classified as hazardous**

Environmental hazards: **Not classified as hazardous**

Directive 67/548 EEC or 1999/45 EC classification: Not classified as hazardous

The full text for hazard statements and R phrases are provided in section 16.

2.2. Label elements (in accordance with Regulation (EC) No. 1272//2008)

Pictogram(s): N/A

Signal word: N/A

Hazard statement(s): N/A

Precautionary statement(s): N/A

Supplemental label information (EU): N/A

2.3. Other hazards

None specified.

3. Composition/information on ingredients

3.1. Mixture- A mixture of hydrocarbon resins, waxes, pigments, dyes and fragrances.

4. First aid measures

4.1. Description of first aid measures

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Seek medical advice if symptoms persist.

Skin contact: Remove contaminated clothing and wash affected are with soap and water.

Skin contact with hot wax: Immediately immerse or flush the burned area with large

amounts of cold water for as long as possible (at least 15 minutes) to cool. Do not

remove solidified material from burned skin or contaminated clothing as damaged

skin can be torn easily. Keep sterile by covering with clean cotton sheet or gauze.

In case of skin irritation or rash, consult a physician.

Eye contact: Flush with water for at least 15 minutes, keeping eyelids open. If irritation

continues, seek medical attention.

Eye contact with hot wax: Do not open eyelids if covered with wax. Immediately flush eyes with large

amounts of water for at least 15 minutes. Get immediate medical attention.

Ingestion: Seek immediate medical attention.

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

May cause eye irritation (e.g. redness, tears), skin irritation (e.g. reddening, itching).

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

Specific treatment: First aid and treatment of symptoms.

5. Firefighting measures

5.1. Extinguishing media: Use mist sprays, carbon dioxide or dry chemicals.

5.2. Special hazards arising from the substance or mixture

Incomplete combustion or high temperatures can produce acrid fumes.

5.3. Advice for firefighters

Wear chemical resistant protective clothing and breathing apparatus. If without risk, remove packages from exposure to fire. Spray unopened containers with water to keep cool. Prevent solid or molten product and fire-fighting water from contaminating drains or water courses (cover drains).

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures Wear suitable protective gloves and clothing to prevent any contamination of skin, eyes and personal clothing.

6.2. Environmental procedures

Contain spill safely, if possible. Prevent from entering drains, watercourses and sewers.

6.3. Methods and material for containment and cleaning up

Contain spill with inert material such as sand, earth or vermiculite. Allow hot wax to cool. Collect and dispose of safely.

6.4. Reference to other sections

Refer to section 8 for further details on personal precautions, protective equipment and emergency procedures. Refer to section 13 for further disposal details.

7. Handling and storage

7.1. Precautions for safe handling

Protective measures: Handle in accordance with good industrial hygiene and safety.

Measures to prevent fires: Keep away from sources of ignition.

Measures to prevent the environment: Protect shafts and sewers from entry of the product.

Advice on general occupational hygiene: Avoid contact with skin, eyes and clothes.

7.2. Conditions for safety storage, including any incompatibilities - keep in original containers, tightly sealed and in a well-ventilated area. Store away from heat and direct sunlight.

7.3. Specific end use(s)

Recommendations: Observe instructions of use.

8. Exposure controls/personal protection

8.1. Control parameters Exposure limits, paraffin fumes: 2mg/m³ 8 hour TWA

8.2. Exposure controls: Personal protection: Respiratory protection: Avoid, as far as is reasonable practical, inhalation of vapour, mists or fumes generated during use and use in a well-ventilated area.

Skin protection: Wear suitable gloves and suitable protective work clothing. After contact with skin, wash immediately with soap and water. Eye protection: Wear suitable safety glasses.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: White solid

Odour: Characteristic

Softening point (°C): 60-75

Boiling point/range (°C): >250

Congealing point (°C): N/A

Flash point (ASTM D 93) (°C): >250

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10.1. Reactivity

No specific test data related to reactivity available for this product. Not expected to be particularly reactive under normal circumstances and conditions of use.

10.2. Chemical stability

Chemically stable under normal temperatures, recommended conditions of storage and use.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions. May react with oxidisers.

10.4. Conditions to avoid

Avoid contact with strong acids and oxidising agents.

10.5. Incompatible materials

Avoid contact with strong acids and oxidising agents.

10.6. Hazardous decomposition products

Thermal decomposition can produce carbon monoxide, organic acids, aldehydes, alcohols, irritating vapours and smoke.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity: No data available.

Skin corrosion/irritation: No data available.

Serious eye damage/irritation: No data available.

Respiratory or skin sensitisation: No data available.

Germ cell mutation: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

STOT-single exposure: No data available.

STOT-repeated exposure: No data available.

11.2. Other potential health effects

Inhalation: May be harmful.

Ingestion: May be harmful if swallowed.

Eye Irritation: May cause eye irritation.

Skin irritation: May cause skin irritation or rash. May cause skin dryness and cracking through repeated exposure.

12. Ecological information

12.1. Toxicity- Non-toxic in normal conditions of use.

12.2. Persistence and degradability - Not expected to release persistent compounds.

12.3. Bioaccumulative potential

12.4. Mobility in soil Immobile.

12.5. Results of PBT and vPvB assessment No data available.

12.6. Other adverse effects No data available.

13. Disposal considerations

13.1. Waste treatment methods

Dispose of as controlled waste, via a licensed contractor, ensuring that all national and local authority requirements are complied with.

Packaging should also be disposed of as controlled waste according to local authority guidelines

14. Transport information

14.1. UN number: Not applicable. 14.2. UN proper shipping name: Not applicable.

14.3. Transport hazard class(es) Not applicable. 14.4. Packing group Not applicable.

14.5. Environmental hazards