

# SAFETY DATA SHEET: TACKY WAX AD29



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)

Revision 3 dated 09/07/2024

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

### Product identifier

Material/trade name: Tacky Wax  
Product number(s): AD29

### 1.1.

### Relevant identified uses of the substances or mixture and uses advised against

Relevant identified uses: Adhesive wax for model hobby use

### Details of the supplier of the safety data sheet

### 1.2.

Company: Deluxe Materials Limited  
Address: Unit 12/13  
Cufaude Business Park, Cufaude Lane  
Bramley, Tadley  
Hampshire  
RG26 5DL

### 1.3.

Telephone number: +44 (0) 1256 883 944  
E-mail address: john@deluxematerials.com

### 1.4.

### Emergency telephone number

Daytime number: +44 (0) 1256 883 944

## 2. Hazards identification

### Classification of the substance or mixture

### Contains:

### 2.1.

**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

### 2.2.

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

Pictogram(s):  
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 of the components are considered to be PBT, PMT, vPvB, vPvM.  
None of the substances are known to have endocrine toxicity.  
Contains no nanomaterials.

## 3. Composition/information on ingredients

### 3.1.

### Mixture

A mixture of hydrocarbon resins, paraffin and microcrystalline waxes

## 4. First aid measures

### 4.1.

### Description of first aid measures

Inhalation: Inhalation of fumes from very hot molten wax: 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 area 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, 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. Seek immediate medical attention.

Ingestion: May cause discomfort if large quantities are swallowed. Seek medical attention if symptoms persist.

**4.2. Most important symptoms and effects, both acute and delayed**  
May cause eye discomfort (e.g. redness, tears), skin discomfort (e.g. reddening, itching).

**4.3. Indication of any immediate medical attention and special treatment needed**  
Specific treatment: First aid and treatment of symptoms.

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## 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).

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## 6. Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**  
Wear suitable protective clothing to prevent any contamination of skin, eyes and personal clothing. Avoid inhalation and ensure sufficient ventilation.

**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. 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.

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## 7. Handling and storage

**7.1. Precautions for safe handling**  
Protective measures: Handle in accordance with good industrial hygiene and safety. Avoid inhalation, use in well-ventilated areas with at least 3-5 air exchanges per hour, and wear personal protective clothing. Recommended nitrile gloves.  
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: Work in well-ventilated zones or use proper respiratory protection. 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.

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## 8. Exposure controls/personal protection

**8.1. Control parameters**  
Advisory OEL (CEFIC – HSPA): Exposure limits, paraffin fumes: 2mg/m<sup>3</sup> 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. If possible, use a mechanical

Skin protection:

ventilator. If technical exhaust or ventilation measures are not possible or insufficient, wear respiratory protection.

Eye protection:

Wear suitable gloves (nitrile) and suitable protective work clothing. After contact with skin, wash immediately.

Wear suitable safety glasses.

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## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

- a) **Physical state/ Appearance:** solid
- b) **Colour:** white
- c) **Odour:** characteristic
- d) **Melting point/ freezing point:** 60-75°C
- e) **Boiling point or initial boiling point and boiling range:** >250°C
- f) **Flammability:** Not determined
- g) **Lower and upper explosion limit:** Not determined
- h) **Flash point:** >250°C
- i) **Auto-ignition temperature:** Not determined
- j) **Decomposition temperature:** Not determined
- k) **pH:** Not determined
- l) **Kinetic viscosity:** Not determined
- m) **Solubility:** Insoluble in water
- n) **Partial coefficient n-octanol/water (log value):** Not determined
- o) **Vapour pressure:** Not determined
- p) **Density and/or relative density:** Approx. 0.9 g/cm<sup>3</sup> at 20°C
- q) **Relative vapour density:** Not determined
- r) **Particles characteristics:** No nanoparticles present

Note: These are typical values and are not intended as a specification.

### 9.2. Other information

None specified.

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## 10. Stability and reactivity

### 10.1. Reactivity

No specific test data related to reactivity available for this product.

### 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.

### 10.4. Conditions to avoid

Prevent overheating.

### 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.

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## 11. Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity:	Not considered acute toxic.
Skin corrosion/irritation:	Not considered a hazard to skin
Serious eye damage/irritation:	Not considered a hazard to eyes.
Respiratory or skin sensitisation:	Not considered a sensitizer.
Germ cell mutation:	Not considered a mutagenic hazard.
Carcinogenicity:	Not considered a carcinogenic.
Reproductive toxicity:	Not considered a risk to reproductive systems.
STOT-single exposure:	No data available.
STOT-repeated exposure:	No data available.

### 11.2. Other potential health effects

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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

Not expected to bioaccumulate.

### 12.4. Mobility in soil

Immobile.

### 12.5. Results of PBT and vPvB assessment

None of the compounds are considered to be PBT, PMT, vPvB or vPv

### 12.6. Endocrine disruption properties

None of the components are considered to be potentially damaging to the endocrine system.

### 12.7. Other adverse effects

No other known adverse effects

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## 13. Disposal considerations

### 13.1. Waste treatment methods

Follow instructions and incinerate or dispose of product and contaminated packaging in accordance with local authority regulations.

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## 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

IMDG:	Not classified as hazardous.
ADR/RID:	Not classified as hazardous.
IATA:	Not classified as hazardous.

### 14.6. Special precautions for user

Prevent overheating. Avoid elevated temperatures for prolonged periods of time. Avoid contact with strong oxidisers.

### 14.7. Transport in bulk according to IMO instruments and the IBC Code

Not applicable.

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## 15. Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation:	Regulation (EC) No. 1272/2008 (CLP) and Regulation (EC) No. 1907/2006 (REACH)
Other regulations:	Health & Safety at Work etc. Act 1974 Control of Substances Hazardous to Health Regulations 2002 (as amended) Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 Classification, Labelling and Packaging of Substances and Mixtures Regulations 2008 (as amended) EH40/2005 Workplace Exposure Limits (as amended)

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Environmental Protection Act 1990  
Hazardous Waste Regulations 2005 (as amended)

**15.2. Chemical safety assessment**  
No data available.

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**16. Other information**

**SDS Revision**

This data sheet replaces the previous version 1 from July 2015 and 2 from July 2024 to meet the requirements of Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008.

**Regulation (EC) No. 1272/2008 Classification**

This mixture has been classified using methods as described in Article 9(4) of Regulation (EC) No 1272/2008.

**Further information**

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our product from the point of view of safety requirements and is not intended to guarantee any particular property. Our products are intended for sale to Industrial and Commercial Customers. We request that Customers inspect and test our products before use and satisfy themselves as to the contents and suitability. Nothing herein shall constitute any other warranty, express or implied. The toxicological data herein is correct at the time of issue.

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