

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)

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

1.1. Product identifier

Material/trade name: DW 450 and DW450 White
Product number(s): 69025 / 69026

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

Relevant identified uses: Special Effects Wax

1.3. Details of the supplier of the safety data sheet.

Company: Flints Theatrical Chandlers Ltd
Address: Unit 9 Deptford Trading Estate,
Blackhorse Road
London
SE8 5HY

Telephone number: +44 (0) 20 7703 9786
Telephone operated from 08:30 – 17:30 Monday to Friday
E-mail address: sales@flints.co.uk

1.4. Emergency telephone number

Daytimes number: +44 (0) 1562 515121
Non business hours number

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 blend of hydrocarbon resins and polymers

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.

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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.

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:

Measures to prevent fires:

Measures to prevent the environment:

Advice on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety.

Keep away from sources of ignition.

Protect shafts and sewers from entry of the product.

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.

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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Clear and White Hard Solid
Odour:	Characteristic
Softening point (°C):	95 -110
Boiling point/range (°C):	>250
Flash point (ASTM D 93) (°C):	>250
Autoignition point (°C):	Not determined.
Density at 20°C (g/cm ³):	Approx. 0.98
Solubility in water (% by weight):	Insoluble

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

9.2. Other information

None specified.

10. Stability and reactivity

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

Not expected to bioaccumulate.

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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

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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

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

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

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

15.2. Chemical safety assessment

No data available.

16. Other information**SDS Revision**

This data sheet meets 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.

Full text of hazard statements

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Full text of R phrases

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.