

Section 1 Identification

Product identifiers

Product name: High Temperature Sheet Wax

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

Identified uses: N/A

Details of the supplier of the safety data sheet

Easy Composites Ltd
Unit 39, Park Hall Business
Village Longton, Stoke on
Trent Staffordshire
ST3 5XA
United Kingdom

+44 (0) 1782 454499
sales@easycomposites.co.uk

Emergency tel: +44 (0) 1782 454499
(office hours only)

HMIS	
H	0
F	1
R	0
PPE	
Sec. 8	

Section 2 Hazards Identification

Classification of the substance or mixture

Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

Hazards not otherwise classified (HNOC) or not covered by GHS

None.

Section 3 Composition/Information on Ingredients

Component	CAS Number
Microcrystalline Paraffin Waxes and Hydrocarbon Waxes	63231-60-7
Paraffin Waxes	8002-74-2

No components need to be disclosed as per 29CFR Part 1910.1200.

Section 4 First Aid Measures

Description of first aid measures

If inhaled

Move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

No data available.

Section 5 Fire-Fighting Measures

Suitable extinguishing media

Use water fog, alcohol-resistant foam, dry chemical powder or carbon dioxide.

Special hazards arising from the substance or mixture

Heating and fire may produce irritating vapors/gases.

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapors, mist or gas.

For personal protection see section 8.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 Handling and Storage

Precautions for safe handling

Use normal precautions when handling hot molten liquid solutions. Do not breathe fumes or vapor from heated material. Do not allow hot material to contact skin. Provide appropriate exhaust ventilation at places where dust is formed. Try to avoid creating dust.

Conditions for safe storage, including any incompatibilities

Store at ambient temperatures in closed containers. This material can catch fire if overheated.

Do not heat this material above the flash point. Keep away from flame and open electrical coils.

No chemical incompatibilities.

Section 8 Exposure Controls/Personal Protection

Control parameters

Components with workplace control parameters

Wax Fume ACGIH STEL: 2 mg/m³ NIOSH TWA: 2 mg/m³

Exposure controls

Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of mists and/or vapors below the recommended exposure limits (see below). An eye wash station and safety shower should be located near the workstation.

Personal protective equipment

Eye/face protection

Use a full-face shield and safety glasses if handling heated material. With product at ambient temperatures, use safety glasses equipped with side shields.

Skin protection

Hand Protection

When handling product at elevated temperatures, use heat-resistant gloves. With product at ambient temperatures, use disposable nitrile, neoprene or butyl rubber gloves with repeated or prolonged use.

Section 8 Exposure Controls/Personal Protection continued

Body Protection

Prevent skin contact when handling heated material. Use insulated, heat resistant clothing such as apron or slicker suit.

Respiratory Protection

The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.

Safety Stations

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

General Hygienic Practices

Avoid breathing dust, vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

Section 9 Physical and Chemical Properties

Appearance	Yellow solid
Odor	None to slight petroleum
Odor threshold	No data available
pH	Not applicable
Melting point	140-203°F (60-95°C)
Initial boiling point/boiling point range	>572°F (>300°C)
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Flash point (COC)	465°F (240°C)
Upper/lower flammability limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density (g/cc)	0.9 ±0.05
Solubility	Insoluble in water
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	Solid at room temperature

Section 10 Stability and Reactivity

Reactivity	None
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	None known under conditions of normal use. Hazardous polymerization does not occur.
Conditions to avoid	Temperatures exceeding the flash point
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Thermal oxidative decomposition can produce carbon monoxide, carbon dioxide and other products such as aldehydes and ketones depending on conditions of oxidation.

Section 11 Toxicological Information

Information on likely routes of exposure

Inhalation	Not relevant at normal room temperatures. When heated, irritating vapors may be formed.
Skin contact	Health injuries are not expected under normal use. Molten material will produce thermal burns.
Eye contact	Health injuries are not expected under normal use. Molten material will produce thermal burns.
Ingestion	Health injuries are not expected under normal use.

Information on toxicological effects

Acute toxicity	Not expected to be acutely toxic
Skin corrosion/irritation	Molten material may cause thermal burns
Serious eye damage/eye irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not expected to be hazardous by OSHA criteria No listed regulated substances (29 CFR 1910.1001-1050)
Reproductive toxicity	Not classified
Specific target organ toxicity	
- single exposure	Not classified
Specific target organ toxicity	
- repeated exposure	Not classified
Aspiration hazard	Solid product, aspiration hazard not likely

Section 12 Ecological Information

Ecotoxicity	Not classified as environmentally hazardous
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT & vPvB assessment	No data available

Section 13 Disposal Considerations

Use sealed containers for disposal. Contact a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.

Section 14 Transport Information

DOT: Not regulated
TDG: Not regulated
IMDG: Not regulated
IATA: Not regulated

Section 15 Regulatory Information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpart D): Not regulated

Section 15 Regulatory Information continued

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed
CERCLA Hazardous Substance (40 CFR 302.4): Not listed
Superfund Amendments and Reauthorization Act of 1986 (SARA): No hazard categories
SARA 302 Extremely hazardous substance: Not listed
SARA 311/312 Codes: No hazard categories identified
SARA 313 Toxic Chemical (40 CFR 372.65): Not regulated

US State Regulations

US California Proposition 65: This product is not known to contain any components for which the State of California has found to cause cancer, birth defects or other reproductive harm.

Section 16 Other Information

Disclaimer

The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict of liability arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.