

GEMCUTS PTY LTD

Date of Issue 26-11-2019

**SAFETY DATA SHEET
CASTING SHEET WAX**

IMPORTANT NOTICE: This Safety Data Sheet (SDS) is issued by Gemcuts Pty Ltd in accordance with National Occupational Health and Safety Commission guidelines. The information contained in this document must not be added to, deleted or altered. Gemcuts Pty Ltd will issue a new SDS when there is a change in the product specifications and/or with the National Occupational Health and Safety Commission guidelines/ regulations. Gemcuts Pty Ltd will not accept any responsibility for any changes made to its SDS in content by any other person or organisation.

CLASSIFICATION OF MATERIAL

This material is Non-hazardous according to health criteria of Worksafe Australia

1. IDENTIFICATION OF THE MATERIAL & SUPPLIER

Product	Casting Sheet Wax
Recommended Use	Making of Wax Moulds
Supplier/Importer	Gemcuts Pty Ltd
ABN	43 780 687 841
Manufacturer	Freeman Manufacturing and Supply Co.
Address	36A Smith Drive, West Ballina NSW 2478
Telephone Number	02 66911686
Facsimile	N/A
Email	admin@gemcuts.com.au
Emergency Telephone	131126 Poisons Information Centre 0427012014

SAFETY DATA SHEET**2. HAZARDS IDENTIFICATION**

2.1 Hazards Classification: Non-Hazardous, Non-Dangerous Goods

NFPA HAZARD RATING	Fire:(1, slight)	Health:(0, minimal)	Reactivity: (0, minimal)
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2.2 Hazard Category:

H335; May cause respiratory irritation.

2.3 Risk Phrase(s):

N/A

2.4 Safety Phrase(s):

N/A

2.5 Precautionary Phrase(s):

P280; Wear protective clothing where needed

Emergency Overview: Heating produces mild fumes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Product Description: Solid wax in sheet form

3.2 Contents

Chemical Name	CAS Number	Proportion %
Non-Hazardous Ingredient		100%

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4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre,

Phone (Australia) 131 126

Inhalation: Remove to fresh air – avoid becoming a casualty. If patient is in respiratory distress or having difficulty breathing, seek medical attention immediately. Arrange for patient to be seen by a doctor.

Skin Contact: Immediately wash skin with soap and plenty of water. If swelling, redness or blistering occurs, seek medical attention. If product molten hot, cool skin with water and ice packs. Do not put ice directly on the skin. Do not attempt to remove solidified wax from the skin as severe tissue damage may result.

Eye Contact: Immediately flush with clean water for at least 15 minutes. If irritation continues seek medical advice. Removal of contact lenses should only be undertaken by skilled personnel. If product is molten hot, cool burns with plenty of low-pressure water.

Ingestion: Immediately give a glass of water. Do not induce vomiting. First aid is generally not required. Never give anything to an unconscious person. If in doubt contact a Poisons Information Centre or doctor.

Seek immediate medical assistance

Notes to Doctor: Treat symptomatically. For hot or molten product, material should not be forcibly pulled from the skin, mineral oil may be used to loosen or soften hardened material.

5. FIRE FIGHTING MEASURES

5.1 Explosion Hazard: None

5.2 Fire Fighting Advice: Fire fighters should use self-contained breathing apparatus. Avoid runoff into waterways.

5.3 Suitable Extinguishing Media: Carbon dioxide, foam, water. There are no restrictions on the type of extinguisher which may be used. Ensure media suitable for surrounding area

6. ACCIDENTAL RELEASE MEASURES

Emergency Action: Clean up all spills immediately. Avoid breathing vapours and avoid contact with skin and eyes. Control personal contact with the substance by using protective clothing.

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7. HANDLING & STORAGE

7.1 Handling Advice: Use good industrial hygiene. Avoid contact with skin and eyes. Wear suitable protective clothing, safety footwear, impervious gloves and chemical splash goggles or full face shield. Do not allow hot material to contact skin. Ensure adequate ventilation. If inhalation risk exists, wear respirator. Wash thoroughly after handling

7.2 Storage Advice: 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 ignition sources.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Occupational Exposure Limits: Paraffin Wax STEL: 2 mg/m³ TWA: 2 mg/ m³

8.2 Engineering Control Measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Avoid generating and breathing in dusts. Use with local exhaust ventilation and wear an air purifying respirator if needed.

8.3 Personal Protective Equipment:

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, APPROVED DUST MASK.

Wear overalls, chemical goggles and impervious gloves. Avoid generating and inhaling fumes, use an air purifying respirator. Always wash hands before smoking, eating, drinking or using the toilet, Wash contaminated clothing and other protective equipment before storage or re-use.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Solid
Colour:	Light Yellow/white
Odour:	Mild
Size (millimetres)	152mm x 152mm
Weight (grams)	20g ea
Solubility:	Insoluble in cold water
Density	0.93
Boiling Point (°C):	>200°C
Softening Point (°C)	81°C

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10. STABILITY & REACTIVITY

Chemical Stability: Stable under normal circumstances.

Conditions to Avoid: Heat, open flame or ignition source.

Hazardous Reactions: Will not occur.

Incompatible Materials: None known.

Hazardous Decomposition: CO and CO₂

11. TOXICOLOGY INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion: The material has NOT been classified as harmful by ingestion. However the material may still be damaging to the health of the individual. Gastrointestinal tract discomfort may produce nausea and vomiting. In an occupational setting however, ingestion of insignificant quantities is not thought to be of concern

Eye Contact: Not thought to be an irritant

Skin Contact: Not thought to be an irritant

Inhalation: Not thought to be an irritant, use Personal Protection Equipment if required, Section 8.

Long Term Effects: Not known. However all efforts to minimise exposure should be taken. Not thought to be a carcinogen.

12. ECOLOGICAL INFORMATION

No Known evidence of adverse effects from available information

13 DISPOSAL CONSIDERATIONS

Not classified as hazardous. Commonwealth, State and Local laws governing disposal of material can differ. Ensure proper disposal compliance with the proper authority before disposal.

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14. TRANSPORT INFORMATION

14.1 **Road and Rail Transport:** Not Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail

14.2 **Marine Transport:** Not Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

14.3 **Air Transport:** Not Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

14.4 **Proper Shipping Name:** Not Applicable

15. REGULATORY INFORMATION

Safe Work Australia; Exposure Standards to airborne contaminants.

AS/NZS 1715

AS/NZS 1716

16. OTHER INFORMATION

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Gemcuts Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Gemcuts Pty Ltd at the contact details on page 1.

Gemcuts Pty Ltd responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.