



Filterfab Pty Ltd

ABN 65 005 247 647

PO Box 129, Strathpine, Qld, 4500 Australia.

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Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY/ UNDERTAKING

Product Name	Techniwax high melt KW8111		
Application	Various industrial applications		
Company	Filterfab Pty Ltd		
Address	16 Leanne Crescent Lawnton Qld 4501		
Contact	Tel : +61 (0)7 3205 3844	Fax : +61 (0)7 3205 6240	

2. COMPOSITION / INFORMATION ON INGREDIENTS

Composition :
Polyethylene Wax (polyethylene homopolymer)

Hazardous Ingredients	Symbol	Risk Phrases	Other information
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This product does not
Contain ingredients classed
As hazardous

3. HAZARDS IDENTIFICATION

<p>No significant hazard. However, there is a possibility of wax fumes causing eye irritation If present in sufficiently high concentrations. Contact with hot material may cause skin Burns.</p>	
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4. FIRST AID MEASURES.



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Eyes:	Flush eyes immediately with fresh water for at least 5 minutes while holding the eyelids open. No emergency measures are necessary but if adverse eye effects follow, refer for medical attention. .
Skin:	As solid, wash thoroughly with soap and water or suitable skin cleanser after use. Hot contact – cool the affected area thoroughly under cold, clean running water. DO NOT remove adhering material, obtain medical advice.
Inhalation	Fumes – Remove from exposure. Keep warm and at rest. If there is difficulty breathing, give oxygen by face mask. If breathing stops, or shows signs of failing use mouth to mouth resuscitation. If heart beat is absent give external cardiac massage. Call a doctor as required
Ingestion	Solid Product – Do not induce vomiting. Wash out mouth with water. If patient feels unwell, obtain medical attention.

5. FIRE FIGHTING EXTINGUISHING MEASURES

Suitable Extinguishing Media:	Carbon Dioxide, dry powder, foam or water fog. DO NOT use water jets
Special Fire Fighting Equipment :	Water or foam may cause frothing. Use water to keep exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering waterways or drinking water supply.
Special Exposure Hazards :	May generate irritating fumes or toxic fumes when burning.
Special Protective Equipment	For fires in enclosed areas, fire fighters MUST use self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Notification Procedures	Report spills as required to appropriate authorities such as the local Environmental Health Officer or Fire Brigade. If spills are likely to enter any drain, waterway or groundwater, contact the Area Water Authority. In case of accident or road spill, contact the Police and Fire Brigade and if appropriate the Area Water Authority.
Personal Precautions	Spilt product presents a significant slip hazard. Wear suitable protective clothing and footwear.
Environmental Precautions	Prevent entry into drains, sewers and water courses
Decontamination Procedures	If molten, contain and allow to solidify. Gather into containers. Dispose of as waste



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7. HANDLING MEASURES

No special precautions are necessary beyond good hygiene practices. See section 8 for additional personal protection advice when handling this product.

Handling	For all products, avoid over heating in use and use in well ventilated areas. Avoid splashing and take care when stirring or adding product to a reservoir. Do not allow molten product to come into contact with the skin or eyes
Storage	Store in a cool place away from direct sunlight and sources of heat. Keep containers closed. Solid wax blends can be stored for indefinite periods but we advise stock rotation. Bulk liquids – store at 10 to 20°C above the congealing point. Prolonged storage can lead to thermal degradation.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Ventilation :	Use local exhaust ventilation over heating operations. Use in well ventilated areas.		
Respiratory Protection	No special requirements under ordinary conditions of use and with adequate ventilation		
Skin Protection :	Gloves suitable for handling hot materials should be worn. Good personal hygiene practices should always be followed. Protective clothing must be kept in good condition and worn at all times when handling hot material or equipment.		
Exposure Limits	8 hr TWA (mg/m ³)	STEL (mg/m ³)	Source
Paraffin Wax (Fumes)	2	6	EH40/96

9. PHYSICAL AND CHEMICAL PROPERTIES



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<u>Physical State @ 25°C</u>	<u>Physical Form</u>	<u>Method</u>
<u>Typical Properties</u>	Various	
Congealing Point	94 °C	ASTM D938
Specific gravity @70°C	0.85	
Boiling point	>200°C	
Color	White to cream	Visual
<i>N.B These are indicative values only, not a specification</i>		
10. STABILITY AND REACTIVITY		
Stability	Stable, will not polymerize.	
Conditions to avoid	flames & sparks. Static discharges. Incompatible materials	
Materials to avoid	Strong oxidizing agents	
Hazardous Decomposition Products	Irritant fumes, e.g. paraffin fumes. Toxic fumes e.g. Carbon Monoxide when burned in a restricted oxygen supply.	
11. TOXICOLOGICAL EFFECTS		
Health Effects:		
On Eyes	Fumes from heated product may cause some irritation. Contact with hot material will cause severe thermal burns and permanent injury	
On Skin	Unlikely to irritate on brief or occasional exposure.	
By Inhalation	Inhalation of the product fumes may cause respiratory tract irritation.	
Chronic	Repeated and prolonged skin contact may lead to skin disorders.	
Other	No known effects.	
12. ECOLOGICAL INFORMATION		



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Environmental Assessment	When used and disposed of as intended, no adverse environmental effects are foreseen.
Mobility	Solid. Insoluble in water. In volatile.
Persistence	Inherently or partially biodegradable.
Bioaccumulative Potential	Not determined.
Ecotoxicity	Not expected to be ecotoxic to fish / daphnia / algae. Not expected to be inhibitory to sewage bacteria.
13. DISPOSAL CONSIDERATIONS	
Disposal must be in accordance with local and national legislation	
Unused Product	Dispose of through an authorized waste contractor to licensed site. May be incinerated, subject to controlling authority.
Used / Contaminated Product	As for unused product.
Packaging	Must be disposed of through an authorized waste contractor.
14. TRANSPORT INFORMATION	
If molten under 100 °C, this product is NOT classified as dangerous for transport. However, if molten over 100°C in tanks, the CDG (CPL) Regulations 1994 require the following identification: - UNNO-3257; CLS-9; EAC-2W; Packaging Group III Special Provisions 232.	
15. REGULATORY INFORMATION	
Hazard Label Data: - If molten under 100°C or as a solid, this product is NOT classified as dangerous and EC Labeling is not required. However, if molten over 100 °C and transported in tanks the label information as in section 14 applies	
16. ECOLOGICAL INFORMATION	



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The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other applications. Use of the product for applications other than stated in this sheet, or on the appropriate Product Information Sheet, may give rise to risks not mentioned on this sheet. You should not use this product other than for the stated applications without first seeking advice from us.

If you have purchased the product to supply a third party for use at work, it is your duty to take all necessary steps to ensure that any person handling or using the product is provided with the information on this sheet.

If you are an employer, it is your duty to tell employees and others who may be affected of any other hazards described in this sheet and of any precautions which should be taken.