

Material Safety Data Sheet

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Revision date: December 2010

Not classified as Hazardous according to criteria of Worksafe Australia

BOTTLE SEALING WAX

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

JAX WAX PTY LTD

A.C.N. 094 854 485

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Factory 2, 59 Station Street

OFFICER VIC 3809

Tel: + 61 3 5943 2422

Fax: + 61 3 5943 2421

Email: info@jaxwax.com.au

Product Name: BOTTLE SEALING WAX

Manufacturer's Product Code: Not available.

Use: Sealing of corked bottles and jars.

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Poison Schedule: None allocated

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
MIXTURE OF PARAFFIN AND NATURAL WAXES	30 to 60 %	Proprietary
MICROCRYSTALLINE WAX	30 to 60 %	Proprietary
ETHYL VINYL ACETATE COPOLYMER	30 to 60 %	Proprietary
FILLERS, PIGMENTS AND DYES	Balance	Mixture

All ingredients in this product are considered to be non-hazardous according to the criteria of Worksafe Australia.

3. HAZARD IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

HAZARD CATEGORY: None allocated

This product is used in the molten state, optimally at 78 - 82°C, at these temperatures this product has a high latent heat and consequently may cause burns to the eyes and skin.

ACUTE HEALTH EFFECTS

Swallowed:

Swallowing large quantities of this product may cause irritation to mouth, throat and stomach with effects including nausea, vomiting and diarrhoea. Swallowing molten material will cause burns to the mouth, throat and stomach.

Eye:

May cause mechanical irritation to the eyes, with effects including: tearing, stinging and blurred vision. If molten material enters the eyes then permanent eye damage may occur.

Skin:

May cause mild irritation to the skin, with effects including; Redness and itchiness. If molten material falls onto the skin then it may cause skin burns.

Inhaled:

Vapours from the heated product may cause irritation to the nose, throat and respiratory system with effects including: Cough, discomfort, difficulty breathing and shortness of breath.

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3. HAZARD IDENTIFICATION (Cont)

Chronic:

There is no prolonged or repeated exposure information available for this product. It is considered chemically inert.

4. FIRST AID MEASURES

Swallowed:

If swallowed, and if more than 15 minutes from a hospital, **induce vomiting**, preferably using Ipecac Syrup APF. If molten material is swallowed, immediately transport to hospital or doctor.

Eye:

If product enters the eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. If molten material enters the eyes, immediately transport to hospital or doctor.

Skin:

If product falls onto the skin, remove any contaminated clothing and wash skin thoroughly with soap and water. If molten material falls onto the skin, cool with water, immediately transport to hospital or doctor.

Inhaled:

Move victim to fresh air. Apply resuscitation if victim is not breathing - If trained personnel available administer oxygen if breathing is difficult.

First Aid Facilities:

Eye wash fountain, safety shower and normal wash room facilities.

Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 131126

In New Zealand Tel: 034747000

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

Hazardous Decomposition Products: Decomposes on heating emitting oxides of carbon and minor quantities soot and noxious smoke.

Fire Fighting Procedures: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

Flammability

This material is considered to be a combustible solid. Although, it is not considered to be a significant fire risk, at temperatures approaching 240°C, the product will then sustain combustion.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area. Wear protective equipment as highlighted in this MSDS. **Caution!** The molten product has a high latent heat and will cause burns to eyes and skin. If molten material falls onto the ground, allow to **cool** and then use a non-sparking shovel and place into a suitably labeled container for re-use, recycling or disposal. Do not dry sweep.

7. HANDLING AND STORAGE

Avoid generating dusts. Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Exposure Standards

No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC) for this product or any of the components.

Engineering Controls

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

Personal Protection Equipment

GLOVES: The use of leather gloves is recommended.

EYES: The use of chemical goggles or eye glasses with side shields is recommended.

RESPIRATORY PROTECTION: Avoid breathing of vapours. The use of a respirator is not normally required, however, if the product is heated to a temperature of $> 200^{\circ}\text{C}$, then noxious vapours may be generated, in these circumstances the use of a half-face respirator fitted with a combined P1 dust and organic vapour cartridge is recommended. All respirators must comply with AS/NZS 1715 and AS/NZS 1716.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Beaded wax solid in various colours with characteristic odour.
Melting Point:	$\sim 76^{\circ}\text{C}$
Vapour Pressure:	Not available.
Specific Gravity:	Not available.
Flash Point:	$> 150^{\circ}\text{C}$
Flammability Limits:	Not available.
Solubility in Water:	Completely insoluble.

Other Properties

pH: Not available.

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Decomposes on heating emitting oxides of carbon and minor quantities of soot and noxious smoke.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

Strong acids, alkalis and oxidizing agents.

CONDITIONS TO AVOID:

High temperatures and incompatibles. The product should not be heated above 110°C .

11. TOXICOLOGICAL INFORMATION

There is no toxicological information available for this product, however, based upon the ingredients of the product it is anticipated, that:

Oral LD50(rat): $> 10,000$ mg/kg

Dermal LD50(rabbit): $> 10,000$ mg/kg

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12. ECOLOGICAL INFORMATION

This product is considered to be inert, it will not breakdown in the aquatic environment. However, large quantities should not be discharged to sewers, drains or waterways.

13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.

14. TRANSPORT INFORMATION

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition. Not classified as a Dangerous Good according to the UN, DOT(US), ICAO(IATA) or IMO(IMDG).

15. REGULATORY INFORMATION

Poison Schedule: None allocated

RISK PHRASES

None allocated

SAFETY PHRASES

None allocated

16. OTHER INFORMATION

Contact Point

Technical Manager:

Tel: + 61 3 5943 2422

Disclaimer

This MSDS summarises our best knowledge of the health and safety hazard information available on the product and the measures to be used to handle and use the product safely. Each user should read this MSDS and consider the information in connection with the way the product is intended to be handled or used.