



SAFETY DATA SHEET

WHITE BEESWAX

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: WHITE BEESWAX

PRODUCT NO: RM028

SUPPLIER: J M Loveridge Ltd
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EMERGENCY CONTACT NUMBER:

2 HAZARDS IDENTIFICATION

Most Important Hazards: Fumes may cause cough, heated wax may cause burns
 Specific Hazards to Humans: Fumes may cause cough, heated wax may cause burns
 Specific Hazards to the Environment: None

3 COMPOSITION/INFORMATION ON INGREDIENTS

Identification	Weight	CAS-No.	EINECS	EC Index	Risk Phrases
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4 FIRST-AID MEASURES

INHALATION

Remove to fresh air. Obtain medical attention if symptoms persist

EYES

Cold wax - Wash eyes thoroughly with water. Heated wax – Rinse with cool water to dissipate heat, do not try to remove wax. Obtain prompt medical attention

SKIN

Cold wax – Wash with soap, hand cleaner and water. Hot wax – Flush skin with cold water to cool as quickly as possible. Cover with clean cotton or gauze. Do not attempt to remove wax from a burn as this can result in tissue loss. Obtain prompt medical attention.

INGESTION

Wash the mouth with water. If large amounts are swallowed obtain prompt medical attention

5 FIRE-FIGHTING MEASURES

FLASH POINT °C

>220

FLAMMABLE LIMITS

Requires exposure to high temperatures and naked flame

EXTINGUISHING MEDIA

Dry chemical, CO₂, foam

SPECIAL FIRE FIGHTING PROCEDURES

Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes

FIRE AND EXPLOSION HAZARDS

Slight when exposed to heat and flames

6 ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL

If molten, allow to solidify, scrape up and dispose of as solid combustible material. Do not wash solid or molten wax into drains

7 HANDLING AND STORAGE

STORAGE

Store away from boilers and hot pipes

HANDLING PROTECTION

No special precautions other than protection from splashing or contact with molten material

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

A threshold value of 1mg/m³ is recommended for wax fumes

EYE PROTECTION

Safety glasses, chemical goggles (if splashing possible)

SKIN PROTECTION

Heated wax should be handled with caution and suitable protective clothing worn

RESPIRATORY PROTECTION

Adequate ventilation

VENTILATION

Normal ventilation

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State at 20°C:	Solid pieces or plates. Fine grained, matt, non-crystalline fracture
Form Supplied:	Granules
Colour:	Off White
Odour in Physical State:	Odour characteristic of White Beeswax
Odour in Molten State:	Characteristic waxy odour
Density at 20°C:	N/A
Congeaing Point, °C:	N/A

Softening Point – R&B, °C:	N/A
Viscosity at 100°C, cSt:	N/A
Penetration at 25°C:	N/A
Acid Value:	17-24
Saponification Value:	87-104

10 STABILITY AND REACTIVITY

STABILITY

Stable

HAZARDOUS DECOMPOSITION

None

PRODUCTS

HAZARDOUS POLYMERISATION

Will not occur

INCOMPATIBILITY – MATERIALS TO AVOID

None

11 TOXICOLOGICAL INFORMATION

TOXICOLOGY

No data available

HEALTH EFFECTS

None expected

12 ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS

Beeswax is unlikely to cause environmental hazards and degrade very slowly at ambient temperatures

13 DISPOSAL CONSIDERATIONS

DISPOSAL OF WASTE PRODUCT

Treat as solid combustible materials and dispose in accordance with local regulations

WC-CODE

12 01 12 Spent waxes and fats

DISPOSAL OF PACKAGING – PALLETS

Pallets can be returned to supplier via haulier/forwarding agent

DISPOSAL OF PACKAGING – CARTONS

Carton may be returned to the appropriate used paper recycling point

14 TRANSPORT INFORMATION

DESIGNATION

Non-hazardous

SPECIAL PRECAUTIONS

None

Proper Shipping Name	UN Number	UN Class	UN Packaging Group
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15 REGULATORY INFORMATION

Symbols:	None
R-Phrases:	None
S-Phrases:	None
Additional Information:	There is no regulatory material available

16 OTHER INFORMATION

FURTHER READING

Ullman's Encyclopedia of Industrial Chemistry, 5th Edition, Vol.A28, Chapter "Waxes", Verlag Chemie, 1996 Shubik et al., Toxicol. Appl. Pharmacol, 4, Suppl. 1-62, 1962

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