

A. F. Suter & Co Ltd



MATERIAL SAFETY DATA SHEET

PARAFFIN WAX

1 Identification	
Material	Paraffin Wax
Synonym	
Cas No.	8002-74-2
2 Hazard Identification	See paragraph 15
Risk Phrase	None
Safety Phrase	None
Other	None
3 Composition	Saturated paraffinic hydrocarbon chains from C ₁₈ to C ₃₄ .
4 First Aid Measures	Note to physician; no specific antidote; supportive care only
Inhalation	None
Skin	If molten, cool with water and remove carefully under medical supervision
Eye	Wash with eyewash solution or water
Ingestion	Non toxic Seek medical assistance if burns have been sustained
5 Fire Fighting	
Extinguish with	Any system except water-jet
Combustion Products	CO ₂ and H ₂ O
Protective equipment	No special requirement
6 Accidental Release	Normal disposal of remaining material (see paragraph 13)
7 Handling/Storage	
Handling	No special requirement; hot when molten
Storage	Cool dry ambient
Ventilation	Not required
8 Exposure Controls	None
Personal Protection	
Respiratory	None
Protective clothing	None but if molten; use adequate protection
9 Physical/Chemical Props	
Appearance	White slabs, lumps or pellets
Odour	None
Melting Range	40 - 70° C
pH (aqueous)	-
Flash Point	Above 177° C
Flammability	Slow combustion; no auto-ignition
SG @ 20° C	0.90 – 0.92
Solubility in Water	Nil

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- 10 Stability/Reactivity**
Stability Stable under normal conditions
Reactivity: Temp Melts with eventual slow combustion
Reactivity: Pressure None
Reactivity: Shock None
Danger of dust/air mixture explosion Not defined
Materials to avoid Strong oxidants
Auto-degradation to unstable products None under normal storage conditions
- 11 Toxicological Information** No known short or long term effects. Wax fumes at high concentrations may cause eye and respiratory tract irritation
- 12 Ecological Information** Inert natural material, no known deleterious effects
- 13 Disposal Consideration** Material and packing may be disposed of as per local and national regulations. It is not listed as hazardous waste
- 14 Transport Information** Not classified as hazardous for transport
- 15 Regulatory Information** Not classified under current CHIP regulations., except that molten Paraffin Wax fume has an OES of 2mg.m³ (8 hour), 6mg.m³ (15 mins) (EH40/98)
- 16 Other Information** This information is for health and safety guidance only, is not a material specification, and does not constitute the user's own assessment of suitability, and workplace risk as required by any other Health and Safety legislation. It is accurate to the best of our knowledge and belief, but since the conditions of handling and use are outside our control we make no guarantee of results, and assume no liability for damages incurred by use of this material.

Authorised: ICP

Uncontrolled

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