

# A. F. Suter & Co Ltd



## MATERIAL SAFETY DATA SHEET

### CARNAUBA WAX FLAKE

<b>1 Identification</b>	
Material	<b>Carnauba Wax Flake</b>
Synonym	
Cas No.	8015-86-9
<b>2 Hazard Identification</b>	See paragraph 15
Risk Phrase	None
Safety Phrase	None
Other	None
<b>3 Composition</b>	Straight-chain alcohols even numbered C <sub>24</sub> to C <sub>34</sub>
<b>4 First Aid Measures</b>	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 advice if burns have been sustained
<b>5 Fire Fighting</b>	
Extinguish with	Any system except water-jet
Combustion Products	CO <sub>2</sub> and H <sub>2</sub> O
Protective equipment	No special requirement
<b>6 Accidental Release</b>	Normal disposal of remaining material (see paragraph 13)
<b>7 Handling/Storage</b>	
Handling	No special requirement; hot when molten; local extraction if dust is present
Storage	Cool dry ambient
Ventilation	Not required
<b>8 Exposure Controls</b>	None
<b>Personal Protection</b>	
Respiratory	Mask for powder handling (to EN 149)
Protective clothing	Impervious gloves for powder handling; if molten; use adequate protection
<b>9 Physical/Chemical Props</b>	
Appearance	Yellow flakes
Odour	Palmaceous
Melting Range	80 - 91° C
pH (aqueous)	-
Flash Point	271 – 315°C
Flammability	Slow combustion; no auto-ignition
SG @ 20° C	1.003
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. Dust from this material is classified as a nuisance dust with an OEL of 10 mg/m<sup>3</sup>
- 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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