

# SAFETY DATA SHEET

## Carnauba Wax T3

Date: 05/2019

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### 1 IDENTIFICATION OF SUBSTANCE

#### 1.1 Product Identifier:

Identification on the label/ Trade name: Carnauba Wax T3

#### 1.2 Relevant Identified uses of the substance and uses advised against:

##### 1.2.1 Identified uses:

Polish Industry, Food Industry, Pharmaceutical Industry, Cosmetic Industry, Rubber Industry.

##### 1.2.2 Uses advised against:

Not available

#### 1.3 Details of the Supplier of the material safety data sheet:

J. Allcock & Sons Ltd.,  
Textile Street,  
West Gorton,  
Manchester,  
M12 5DL.

Email: ja@allcocks.co.uk  
Tel: +44 (0)161 223 7181  
Fax: + 44 (0)161 223 0173

#### 1.4 Emergency telephone number:

Tel: +44 (0)161 223 7181

### 2 HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture:

##### 2.1.1 Classification: CLP regulation 1272/2008/EC

Does not contain any components which are hazardous according to DSD [67/548/EC] or CLP regulation 1272/2008/EC

##### 2.1.2 The most important adverse effects:

###### 2.1.2.1 The most important adverse physicochemical effects:

Not applicable.

###### 2.1.2.2 The most important adverse human health effects:

Unlikely to cause eye irritation.

Unlikely to cause skin irritation.

Not volatile. It is not likely to be an inhalation hazard at normal ambient temperatures. If overheated, fumes and vapours are irritating to the breathing passages and lungs. Ingestion is likely to cause adverse systemic health effects.

###### 2.1.2.3 The most important adverse environmental effects:

Although no specific ecological hazards are expected and bioaccumulation is unlikely, spillage into the environment should always be avoided.

#### 2.2 Label Elements:

##### Hazard Pictograms:

None.

##### Signal Word(s):

None.

##### Hazard Statement:

None.

##### Precautionary statement:

None.

#### 2.3 Other hazards

Hot liquid may cause thermal burns

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1 Substance/Mixture:

The product in question is a substance.

#### 3.2 Ingredients:

Substance Name	% by weight	CAS No.	EC No.
Carnauba Wax	100	8015-86-9	232-399-4

### 4 FIRST-AID MEASURES

#### 4.1 Description of first aid measures:

##### 4.1.1 In case of inhalation:

Remove from the affected person to fresh air. If recovery is not rapid, obtain medical attention.

##### 4.1.2 In case of skin contact:

Wash the affected parts of the body with soap and water. No emergency measures are necessary but if adverse skin effects follow, refer for medical attention.

##### 4.1.3 In case of eyes contact:

Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. No emergency measures are necessary but if adverse eye effects follow, refer for medical attention.

##### 4.1.4 In case of ingestion:

Do not induce vomiting. No emergency measures are needed but if adverse health effects follow, refer for medical attention.

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#### 4.1.5 Additional Information:

As wax is normally handled in molten state at a temperature of circa 90 deg. C, the main health hazard is skin burns from splashes. To avoid damage to the skin no attempt should be made to remove wax firmly adhering to the skin. The area should be cooled immediately under running water for up to 10 minutes.

#### 4.2 Most important symptoms and effect, both acute and delayed:

None.

#### 4.3 Indication of any immediate medical attention and special treatment needed:

None.

### 5 FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing Media:

##### 5.1.1 Suitable extinguishing media:

Foam, dry chemical, carbon dioxide, water mist

##### 5.1.2 Unsuitable extinguishing media:

None.

#### 5.2 Specific Hazards arising from the substance or mixture:

Slight flammability hazard when exposed to heat or flame. During a fire, toxic gases (carbon monoxide, nitrous gases) may be generated by thermal decomposition

#### 5.3 Advice for fire-fighters:

Only suitably trained personnel should attempt to tackle fires. Do not stay in the danger zone without respiratory protective equipment and protective clothing.

### 6 ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures:

Surfaces may become slippery after spillage.

#### 6.2 Environmental precautions:

Water may be use to flush spills away from sources of ignition. Do not allow the product to enter public drainage system or open water courses.

#### 6.3 Methods of containment and cleaning up:

Absorb and scrape up.

#### 6.4 Reference to other sections:

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

### 7 HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

Avoid skin contact. Avoid inhalation of vapour, mist or fumes. Do not wear contaminated clothing. Avoid contact with eyes – wear chemical protective goggles when handling product. Protective clothing such as impervious gloves should be worn if skin contact is anticipated. Protective clothing should be regularly inspected and maintained, discard oil saturated leather articles. The use of a barrier and after work creams may be beneficial. Wash hands after working with the material.

#### 7.2 Conditions for safe storage, including any incompatibilities:

Keep containers tightly closed. Avoid heat and sources of ignition. Store in original containers or in other mild steel or high density polyethylene containers which are closable and clearly labelled. Clean up any spilled material immediately.

#### 7.3 Specific end use(s):

None.

### 8 EXPOSURE CONTROL / PERSONAL PROTECTION

#### 8.1 Control parameters:

TWA TLV (ACGIH): 2 mg/m<sup>3</sup> (paraffin wax fumes). However in all circumstances exposure should be kept as low as reasonably possible by good ventilation and safe working practices.

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### 8.2 Exposure controls:

8.2.1 Appropriate engineering controls: No special measures needed.

8.2.2 Individual protection measures:

Eye/face protection:

Facilities storing or utilising this material should be equipped with an eye wash facility.

Hand protection:

Use impervious gloves (conforming to EN374) PVC is suitable for casual contact. More than 2 hours contact requires the use of Neoprene or Nitrile gloves.

Body protection:

No special precautions are needed beyond clean working conditions and safe handling practices.

Respiratory protection:

Inhalation of the vapour, fumes or mists should be avoided by safe working practices and good ventilation.

8.2.3 Environmental exposure controls: None.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties:

Appearance:		Yellow/Typical
Physical state:		Waxy flake/ Waxy Powder
Colour:		Yellow/Typical
Odour:		Typical
pH:		Neutral
Melting point/range (°C):		~ 80°C
Boiling point/range (°C):		Not determined
Flash point (°C):		310°C min
Evaporation rate:		Not available
Flammability (solid, gas):		Not available
Ignition temperature (°C):		Not available
Upper/lower flammability/explosive limits:		Not determined
Vapour pressure (kPa):	@ 20°C	Negligible.
Vapour density:		Not available.
Relative Density (g cm <sup>-3</sup> ):	@ 15°C	00.995
Solubility:		<1 mg/l in water.
Auto-ignition temperature (°C):		Not determined
Decomposition temperature (°C):		Not available.
Viscosity (mm <sup>2</sup> s <sup>-1</sup> , cSt):	@ 40°C	Not applicable.

### 9.2 Physical hazards:

None.

### 9.3 Other information:

None.

## 10 STABILITY AND REACTIVITY

### 10.1 Reactivity:

The product is not reactive under normal storage and handling conditions

### 10.2 Chemical stability:

Under normal storage and handling conditions, this product is stable. May react with strong oxidising agents, especially at high temperatures.

### 10.3 Possibility of hazardous reactions:

May react with strong oxidising agents, especially at high temperatures.

### 10.4 Conditions to avoid:

Extremes of temperature

### 10.5 Incompatible materials:

Strong oxidising agents.

### 10.6 Hazardous decomposition products:

Thermal decomposition or incomplete combustion may produce oxides of carbon and irritating fumes.

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### 11 TOXICOLOGICAL INFORMATION

#### 11.1 Toxicokinetics, metabolism and distribution:

Not available.

#### 11.2 Information on toxicological effects:

##### Acute toxicity:

Acute toxicity (oral): LD0 of >1.1g/kg

##### Skin corrosion/irritation:

Unlikely to cause skin

irritation. Serious eye damage/irritation:

Unlikely to cause eye irritation.

##### Respiratory or skin sensitization:

Not volatile. It is not likely to be an inhalation hazard at normal ambient temperatures. If overheated, fumes and vapours are irritating to the breathing passages and lungs.

##### Germ cell mutagenicity:

Not available.

##### Carcinogenicity:

Not available.

##### Reproductive toxicity:

Not available.

##### STOT- single exposure:

Not available.

##### STOT- repeated exposure:

Not available.

##### Aspiration hazard:

Not available.

### 12 ECOLOGICAL INFORMATION

#### 12.1 Ecotoxicity:

Not expected to be dangerous for the aquatic environment.

#### 12.2 Persistence and degradability:

Not readily biodegradable.

#### 12.3 Bioaccumulative potential:

Not available.

#### 12.4 Mobility in soil:

Not available.

#### 12.5 Results of PBT and vPvB assessment

Not available.

#### 12.5 Other adverse effects:

Not available.

### 13 DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods:

Transport to authorised waste location, or incinerated under controlled conditions (EU Directives 2000/76/EC and 1999/31/EC apply). European Waste Catalogue No. 050199/130899.

#### 13.2 Product/ Packaging disposal:

Not available.

### 14 TRANSPORT INFORMATION

#### 14.1 General:

Not classified.

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### 14.2 UN-no:

Not classified.

### 14.3 Transport hazard class(es)

#### 14.3.1 RID/ADR:

Not classified. 14.3.2 IMDG:

Not classified. 14.3.3 IATA/ICAO:

Not classified.

## 15 REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

**EU Regulations:** Directive 67/548/EC  
Regulation [EC] 1272/2008  
Regulation [EC] 1907/2006

#### Other regulatory Information:

Federal and State Regulations: TSCA 8(b) inventory: Caraub Wax

### 15.2 Chemical safety assessment:

Chemical safety assessments for substances in this mixture were not carried out.

## OTHER INFORMATION

#### Issued by:

J. Allcock & Sons Ltd.

#### SDS No.:

WEB01

#### Date:

05/2019

For any further information please contact **J. Allcock & Sons Ltd.**

**DISCLAIMER:** All information and instructions provided in these Safe Handling Instructions (SHI) are based on the current state of scientific and technical knowledge at the date indicated on the present SHI. J. Allcock & Sons Ltd. shall not be held responsible for any defect in the product covered by this SHI, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge. **Dated:05/2019**

