

Material Safety Data Sheet

1) Identification of the substance/preparation and company/undertaking

Name: 664/1 W Extrusion Wax

Chemical Name and Synonyms: C.A.S. 63231-60-7, EINECS 264-038-1

Chemical Family: Saturated hydrocarbons

Supplied by: Jw & Cj Phillips (1969) Ltd

2) Composition/Information on Ingredients

List of Dangerous Ingredients: None. This product contains no dangerous ingredients.

3) Hazard Identification

Inhalation: Mist or fumes may cause irritation or coughing.

Eyes: Harmless when cold, heated wax may cause burns.

Skin: Harmless to most skin when cold.

Ingestion: Harmless if swallowed in small doses, but larger amounts may cause nausea and diarrhoea. Low order of toxicity.

4) First Aid

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

Ventilation: Normal ventilation.

9) Physical Data

Appearance: White solid

Congéaling Point: 64-90°C

10) Reactivity Data

Stability: Stable

Hazardous Decomposition products: None

Hazardous Polymerisation: Will not occur

Incompatibility: Materials to avoid: None

11) Toxicological Data

Toxicology: No data available

Health Effects: None expected

12) Ecological Information

Waxes are unlikely to cause any environmental hazards and degrade very slowly at ambient temperatures.

13) Disposal Considerations

Disposal of waste materials: Treat as solid combustible materials and dispose in accordance with local regulations.

14) Transportation

Designation: Non hazardous.

Special precautions: None

15) Regulatory Information

Passes FDA Regulation 172.886

Further Advice

Health and Safety Publications are available from H. M. Stationery Office or from local offices of the factory Inspectorate.

SHW 367	Dermatitis - Cautionary Notice.
SHW 397	Effects of Mineral Oil on the Skin.
MS/B/5	Skin Cancer caused by Oil.
MS/B/4	Skin Cancer caused by Pitch and Tar.
MS/B/6	Occupational (Industrial) Dermatitis

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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 and Explosion Hazard Data

Flash Point:

>250°C

Flammable Limits:

Requires exposure to high temperature 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 exposure to heat and flames.

6) Spill, Leak and Disposal Practises

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 the drains

7) Special Storage and Handling Precautions

Storage:

Store away from boilers and hot pipes.

Handling:

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

8) Exposure Control/Personal Protection Information

Exposure Limits:

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

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.