

# NIGHTINGALE SUPPLY

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## MATERIAL SAFETY DATA SHEET

NON-HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

### IDENTIFICATION SECTION:

Product Name : **HOT MELT 31**  
U.N. Number : Not applicable  
Correct Shipping Name : Not applicable  
Dangerous Goods Class : Not applicable  
& Subsidiary Risk :  
Hazchem Code : Not applicable  
Poison Schedule : Not applicable  
E.P.G. : Not applicable  
Use(s) : Edgebanding hot melt adhesive.

### PHYSICAL DESCRIPTION / PROPERTIES:

Appearance : Natural brown granulated solid.  
Melting Point : 97°C  
Vapour pressure @ 25°C : Not available  
Specific Gravity : 1.4  
Flashpoint : Greater than 200°C  
Flammability Limits (%) : N/A  
Solubility in water (g/l) : insoluble in water.

### INGREDIENTS:

Chemical Entity	CAS No.	Proportion
Ethylene vinyl acetate copolymer		High
Pigment		High
Hydrocarbon resin		Medium
Wax		Low
Antioxidant		Low

Low <10%      Medium 10-30%      High 30-60%      Very High > 60%

## **HEALTH HAZARD INFORMATION:**

### **HEALTH EFFECTS:**

#### **ACUTE:**

##### **Skin:**

No known effects.

##### **Eyes:**

Vapours and fumes may cause irritation.

##### **Inhalation:**

Vapours and fumes may cause irritation of the nose, throat and respiratory tract.

**CHRONIC: No anticipated chronic effects.**

### **FIRST AID:**

#### **For Burns:**

Immerse contact area in cold, clean water immediately. DO NOT attempt to remove set product. Cover contact area with wet compresses and take subject to a doctor immediately.

#### **Skin:**

None required for normal industrial handling of this product in the solid form.

#### **Eyes:**

In the solid state, Irrigate with copious quantities of water for (15) minutes at least, to remove adhesive particles.

In the molten state, irrigate with copious amounts of water and SEEK IMMEDIATE MEDICAL ATTENTION.

#### **Inhalation:**

Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered.

#### **Ingestion:**

If swallowed DO NOT induce vomiting. Give one glass of water or milk. Call a Doctor. Never give anything by mouth to an unconscious person.

#### **First Aid Facilities:**

N/A

#### **Advice to Doctor:**

Treat symptomatically.

## **PRECAUTIONS FOR USE:**

### **Exposure Limits:**

\* Petroleum wax fume ACGIH TLV (1990-91): 2mg/m<sup>3</sup>

These exposure limits are for paraffin wax fume, a material related to petroleum wax fume.

No value assigned to any other components.

### **Engineering Controls:**

Ensure ventilation is adequate to maintain air concentration below exposure standards.

### **Personal Protection:**

Wear overalls, safety glasses.

Application should be performed in conditions of adequate ventilation.

If inhalation risk exists wear organic vapour-particulate respirator.

Ensure that the cartridges are correct for the potential air contamination and are in good working order.

### **Flammability:**

Combustible solid.

## **SAFE HANDLING INFORMATION:**

### **Storage and Transport:**

No special requirements for storage.

### **Spills and Disposal:**

Contain – prevent contamination of waterways and drains. Allow to solidify at room temperature, scrape up and place in disposal container. For disposal, refer to state land waste management authority. Normally suitable for use as land fill by approved agent.

### **Fire/Explosion Hazard:**

Combustible solid. On burning will emit toxic fumes. Avoid using water on molten material to reduce splattering and spreading of the fire. Fire fighters to wear self contained breathing apparatus if risk of exposure to vapours or products of combustion.

Extinguishing media: Foam, Carbon Dioxide, Dry chemical powder, BCF.

The data in this Material Safety Data Sheet has been compiled from our Suppliers Material Safety Data Sheets. This data relates only to the designated product and not to the use of said product in combination with other materials. Because conditions and circumstances of use of the product are beyond our control and any summary of data such as

is represented by this Material Safety Data Sheet is inherently incomplete, Nightingale Supply makes no warranty about the accuracy of the data herein and assume no liability for the use of such data. Responsibility for proper precautions and safe use of the product lies with the user.