

# NIGHTINGALE SUPPLY

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## MATERIAL SAFETY DATA SHEET

NON-HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

### IDENTIFICATION SECTION

Product Name	<b>GRASP HOT MELT 38</b>
U.N Number	Not applicable
Correct Shipping Name	Not applicable
Dangerous Goods Class & Subsidiary Risk	Non- Dangerous Goods
Hazchem Code	Not applicable
Poison Schedule	Not applicable
E.P.G	Not applicable
Use(s)	Edgbanding hot melt adhesive.

### PHYSICAL DESCRIPTION / PROPERTIES

Appearance	Solid
Melting Point	97°C
Flashpoint:	> 250°C
Ignition Temperature:	> 250°C
Specific Gravity:	ca. 1.39
Flammability Limits (%v/v):	Not applicable
Solubility in Water:	Insoluble

### INGREDIENTS

Chemical Entity	PROPORTION
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Hydrocarbon resin	High
Ethyl vinyl acetate copolymer	High
Wax	Medium

Low <10%	Medium 10-30%	High 30-60%	Very High >60%
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## **HEALTH HAZARD INFORMATION**

### **HEALTH EFFECTS**

#### **ACUTE**

##### **Swallowed:**

Not hazardous in normal industrial use. Ingestion of small amounts of solid material is not expected to cause harm. Ingestion of molten material will cause thermal burns.

##### **Eyes:**

No health effects due to the solid material, though rubbing when the eye contains small adhesive particles may cause corneal abrasion. When molten, vapours and fumes may cause irritation. When molten direct contact will cause thermal burns.

##### **Skin:**

No known effects due to the solid material. Direct contact will cause thermal burns if the material is in its molten state.

##### **Inhaled:**

No known effects due to the solid material. When molten, vapours or fumes may cause irritation of the nose, throat and respiratory tract, headaches, nausea and vomiting.

##### **Chronic:**

Prolonged or frequent skin contact may lead to irritant contact dermatitis in some sensitive individuals due to the presence of paraffin wax. None of the components of this mixture has been listed as a sensitizer or mutagen.

## **FIRST AID**

##### **Swallowed:**

Do NOT induce vomiting. Rinse mouth thoroughly with water. If casualty is alert and conscious give plenty of water to drink. Seek medical advice.

##### **Eyes:**

If contact with solid product occurs, irrigate eye with copious amounts of water to remove adhesive particles. If contact with the molten material occurs, irrigate with copious amounts of water and SEEK IMMEDIATE MEDICAL ATTENTION.

##### **Skin:**

Wash affected area with soap and water if contact with the solid form occurs. If contact with molten material occurs, immerse contact area in cold, clean water immediately. Do not attempt to remove set product. Cover contact area with wet compresses and take casualty to a doctor immediately.

Inhaled:

An inhalation hazard only if product is molten. Remove victim to fresh air. Seek medical advice if adverse symptoms, such as coughing, breathing difficulties or burning sensations in the respiratory tract develop. If breathing has stopped, apply artificial respiration.

**First Aid Facilities:**

Burns creme, bandages, eyewash station,

**Advice to Doctor**

No specific antidote. Provide supportive care. Treatment based on judgment of the doctor in response to reactions of the patient.

**PRECAUTIONS FOR USE**

Exposure Limits

However the mixture contains waxes, calcium carbonate and trace amounts of vinyl acetate monomer, the exposure standards of which have been set by NOHSC as shown below.

Exposure Standard [NOHSC:1003(2004)]	TWA	STEL
Vinyl acetate monomer	10 ppm	20 ppm
Paraffin wax fumes	2 mg/m <sup>3</sup>	No data
Calcium carbonate	10 mg/m <sup>3</sup>	No data

Engineering Controls

The solid material requires only good natural ventilation. The molten material needs good general flameproof mechanical dilution ventilation augmented with flameproof extraction ventilation at the source of vapour, gas or fume emanation

Personal Protection

Use personal protective equipment that minimizes skin and eye contact with the solid substance and vapour, fumes or gas inhalation emanating from the molten substance.

Rubber gloves, safety glasses with side shields long sleeved overalls and work boots.

If inhalation risks exists wear organic vapour-particulate respirator.

**SAFE HANDLING INFORMATION**

Storage

Store in a cool, dry, well ventilated place. Avoid exposure to direct sunlight or sources of heat.

### Spills and Disposal

Isolate hazard area, increase ventilation and restrict access. Remove all sources of ignition.

If the molten substance is spilled, Prevent contamination of waterways, allow it to cool and cut it into slabs of a size that is easily handled.

### Fire/Explosion Hazard

Use alcohol resistant foam, dry chemical powder or carbon dioxide.  
Avoid using water jet on molten material as it may cause splattering and spreading of the fire.

Mixture will give off dense smoke and flammable vapours in an oxygen depleted atmosphere. Wear full protective equipment for a chemical fire, including a self-contained breathing apparatus.

The data in the Material Safety Data sheet has been compiled from our Suppliers Material Safety Data Sheet. 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.