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MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Product Name: HOTMELT - GRANULAR AND CARTRIDGE
2022-2031-2041 Black/Brown/Natural/White,
2020 Natural, 2001-2024 Translucent

Company Name: CANPLAST INC.
4797 boul. Couture
Montreal, Quebec H1R 3H7
Information or emergency: 514-327-9555

Date prepared: October 10, 2000 **Prepared by:** Allan Doyle

2. HAZARDOUS INGREDIENTS

Chemical composition : EVA-based hotmelt adhesive

| | Cas# | Concentration | TLV | PEL |
|-----------------------|----------|---------------|-----|-----|
| Vinyl acetate monomer | 108-05-4 | < 1,000 PPM | 10 | 10 |

3. PHYSICAL DATA

Form: solid granular or cartridge at room temperature
Solubility in water: insoluble
Boiling Point: not applicable
Volatility: negligible at room temperature
VOC < 10 g/l when heated at 390°F

4. FIRE AND EXPLOSION HAZARD DATA

Flash point: above 400°F

Fire and explosion hazards: none known

Hazardous combustion products:

Combustion causes thick, black smoke containing acetic acid (irritant), carbon monoxide (CO) and carbon dioxide. Inhalation of by-products can cause severe injury to health.

Extinguishing media:

Carbon dioxide (CO₂), powder, foam, water fog.



**Special fire fighting procedures:**

Respirators and eye protectors are required for fire-fighting personnel. Do not use water to extinguish fire at temperatures above 400°F because material may foam and sputter.

5. REACTIVITY DATA**Stability:**

Stable under normal conditions.

Conditions to avoid:

Temperatures above 430°F (220°C) can cause polymer degradation with time.

Material to avoid:

None known.

Hazardous decomposition products when heated above 430°F (220°C):

Carbon monoxide (CO) , carbon dioxide and other byproducts.

Hazardous polymerization:

Will not occur.

6. HEALTH HAZARD DATA

Contact with hot products can cause burns. High temperatures can generate vapors that irritate eyes and respiratory track.

Health hazards:

Not known.

FIRST AID MEASURES**Inhalation:**

In the event of contact with vapors or aerosols that are formed at high temperatures, remove affected person from danger area while using appropriate respiratory procedures. If breathing is irregular or has stopped, use artificial respiration. Place affected person in resting position and provide medical care immediately.

Contact with skin:

In case of frequent and prolonged contact, wash affected skin areas with soap and water and rinse thoroughly.

If the product is hot, plunge in cold water immediately or flush thoroughly with cold water to eliminate the heat. Cover with clean cloth and provide promptly for medical care. Do not attempt to remove substance or affected clothing from skin since this can destroy some of the injured body tissue.

Contact with eyes:

This product is an inert solid. If product enters the eye, remove in the usual manner.

Swallowing:

First aid is generally not needed.



7. SPILL AND LEAK PROCEDURES

Personal-related precautions:

Follow safety regulations and instructions in section 8.

Protection of the environment:

If rivers, lakes or sewage lines are contaminated, notify the authorities in accordance with local regulations.

Cleaning/absorption procedures:

Gather substances mechanically and place in containers provided for this purpose in accordance with local regulations.

Molten material:

Allow to cool and solidify before removing it.

8. SAFE HANDLING, STORAGE AND USE

Handling:

Avoid contact with eyes or skin. Do not inhale vapors or spray mist. Do not eat, drink or smoke while working.

Storage:

Keep container tightly sealed. Reseal opened containers carefully and store them in an upright position to prevent spills. Store in a dry and cool area. Avoid temperatures above 50°C (120°F) to prevent material from blocking.

Safety measures:

Ensure proper ventilation. Air exhaust equipment is recommended.

Hand protection:

Wear heat resistant gloves if there is a risk of contact with hot substances.

Eye protection:

Face protectors or safety glasses are recommended to shield against splashing hot product.

Body protection:

Wear arm protectors or long sleeves if there is a risk of contact with hot substances.

9. DATA ON WASTE DISPOSAL

Recommendation:

Prevent product from entering the sewage system. Risk of clogging.

Normally, after consultation with competent authorities, material can be disposed of as commercial waste similar to household waste.

Empty containers:

Dispose empty containers in accordance with local regulations or use again (if intended for multiple use).



10. OTHER INFORMATION

Transportation:

Not a hazardous product. Not regulated.

TSCA status:

All components are registered under the regulations of the toxic substances control act.

SARA section 313 listed ingredients: vinyl acetate monomer (108-05-4).

Other:

Hotmelt adhesives release vapors even when applied at prescribed temperatures. This often produces bad odors. Moreover, if prescribed application temperatures are exceeded considerably for extended periods, hazardous decomposition of the product may develop. Therefore, measures are required to eliminate these vapors, e.g. appropriate exhaust ventilation.

The information in this MSDS is based on the present state of our knowledge. The users' working conditions are beyond our knowledge and control. It is always the responsibility of the user to take all necessary steps in order to respect local rules and regulations. The information in this MSDS is meant as a description of the safety requirements of our products. There may be others depending on type of use.