



**PALMETTO  
ADHESIVES &  
PACKAGING**

| Hazard Rating |               |
|---------------|---------------|
| HEALTH:       | 0             |
| FLAMMABILITY: | 1             |
| REACTIVITY:   | 0             |
| PROTECTIVE:   | see section 8 |

**HM1000**  
Material Safety Data Sheet  
Date of print: 05/01/09

**SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Commercial Product Family: HM1000 Information Phone: 864-232-8865  
 Product Description: Adhesive  
 In Case of Spill call 1-800-572-5403 Synonyms: None Product Use: Adhesive (Non-Hazardous)

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT**

| Chemical Name     | CAS#      | %     | OSHA PEL         |
|-------------------|-----------|-------|------------------|
| Wax, polyethylene | 9002-88-4 | 10-30 | TWA Fume 2 MG/M3 |

**SECTION 3: HAZARDOUS IDENTIFICATION**

**3.1 Potential Health Effects:**

**Emergency Overview:** Contact with molten product will cause thermal burns. Vapors/fumes may be irritating at application temperatures.  
**Eye Contact:** No irritation hazard in normal industrial use.  
**Inhalation:** No irritation in normal industrial use. Vapors may have an offensive odor that may cause headaches, nausea, and vomiting.  
**Ingestion:** Ingestion is not an anticipated route of exposure. No irritation in normal industrial use.  
**Skin Contact:** Skin contact at room temperature in not irritating. Contact with product at elevated temperatures can result in thermal burns.

**SECTION 4: FIRST AID MEASURES**

**Eye Contact:** None expected to be needed, however, use eyewash to remove a chemical from your eye regardless of level of hazard. For hot product, immediately flush eyes with plenty of water for at least 20 minutes. Get immediate medical attention.  
**Inhalation:** Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.  
**Ingestion:** Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.  
**Skin Contact:** Wash with soap and water. For hot material, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean gauze and do not attempt to remove the material yourself. Get prompt medical attention. Medical personnel: coat with mineral oil to soften material for removal.

**SECTION 5: FIRE-FIGHTING MEASURES**

**Flammable Properties:**

Flash Point: > 204 C (400 F) Cleveland Closed Cup

Auto ignition: Not determined

LEL: Not determined

UEL: Not determined

Extinguishing Media: A solid stream of water may scatter molten product. Use water spray, foam, dry chemical or carbon dioxide.

Special Fire-Fighting Procedures: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

Unusual Fire and Explosion Hazards: Material will burn in a fire.

Combustion Products: Carbon dioxide, carbon monoxide.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**SPECIAL PROTECTION:** No adverse health effects expected from the clean up of spilled material. Follow personal protective equipment recommendations found in Section 8 of the MSDS.

**CLEAN UP:** Allow molten material to solidify before disposal.

**SECTION 7: HANDLING AND STORAGE**

**Handling:** No special handling instructions due to toxicity. Avoid breathing vapors/fumes of heated product. Prevent contact with molten product.

**Storage:** Store in a cool, dry place.

**SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION**

**EYE PROTECTION:** Wear safety glasses when handling this product.  
**SKIN PROTECTION:** Not normally required. Wear chemically resistant gloves to prevent prolonged or repeated contact. When material is heated, wear thermally insulating gloves to protect against thermal burns.  
**GLOVES:** Not normally required. Use nitrile gloves if conditions warrant.  
**RESPIRATORY PROTECTION:** No respiratory protection required under normal conditions of use. Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134).

**EXPOSURE LIMITS:**

| Chemical Name           | ACGIH EXPOSURE LIMITS | AIHA WHEEL      |
|-------------------------|-----------------------|-----------------|
| Waxes, polyethylene TWA | Not established       | Not established |

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****Safety Parameters:**

|                           |                |                                   |                 |
|---------------------------|----------------|-----------------------------------|-----------------|
| <b>Physical State:</b>    | Solid          | <b>Color:</b>                     | Light Amber     |
| <b>Odor:</b>              | Neutral        | <b>Odor Threshold:</b>            | Not established |
| <b>Weight per Gallon:</b> | Not applicable | <b>Specific Gravity:</b>          | .98             |
| <b>Solids (% by wt)</b>   | Not applicable | <b>PH:</b>                        | Not determined  |
| <b>Boiling Point:</b>     | Not determined | <b>Freezing Point:</b>            | Not determined  |
| <b>Vapor Pressure:</b>    | Not determined | <b>Vapor Density:</b>             | Not determined  |
| <b>Evaporation Rate:</b>  | Not determined | <b>Octanol/Water Coefficient:</b> | Not determined  |

**SECTION 10: STABILITY AND REACTIVITY**

|  |                                  |
|--|----------------------------------|
| <b>Stability:</b>                        | Stable under normal conditions.  |
| <b>Chemical Incompatibility:</b>         | Not established                  |
| <b>Hazardous Polymerization:</b>         | Will not occur                   |
| <b>Hazardous Decomposition Products:</b> | Carbon monoxide, carbon dioxide. |

**SECTION 11: TOXICOLOGY INFORMATION**

| <b><u>CHEMICAL NAME</u></b> | <b><u>LD50/LC50</u></b>                |
|-----------------------------|--|
| Waxes, polyethylene         | Inhalation LC50 Mouse=12000 mg/cu m/4H |

**TOXICOLOGY SUMMARY:** No additional health information available.

**SECTION 12: ECOLOGICAL INFORMATION**

Overview: No ecological information available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.**

**SECTION 14: TRANSPORTATION INFORMATION**

|                   |               |
|-------------------|---------------|
| <b>DOT Class:</b> | Not Regulated |
| <b>IATA:</b>      | Not Regulated |

**SECTION 15: REGULATORY INFORMATION****INVENTORY STATUS**

U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

If you need more information about the inventory status of this product call 864-232-8865.

This product may contain chemical substances that are regulated for export by various government agencies (such as the Environmental Protection Agency, the Bureau of Industry and Security, or the Drug Enforcement Administration, among others). Before exporting this product from the USA or Canada, we recommend you contact us at 864-232-8865 (USA).

**FEDERAL REPORTING****EPA SARA TITLE III SECTION 313**

Unless listed below, this product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 72. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

**SECTION 16: OTHER INFORMATION****Disclaimer**

The information contained herein is based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider this data only as a supplement to other information. Users should make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials, the safety and health of employees and customers, and the protection of the environment.