



## MATERIAL SAFETY DATA SHEET

Revision Date: 12/18/2006

MSDSANSI/ANSI/EN/150000000677/Version 3.2

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	Epolene(TM) C-18 Wax
<b>Product Identification Number(s)</b>	C-18, P0232100, P0232102, P0232103, P0232105
<b>Manufacturer/Supplier</b>	Westlake Longview Corporation 2801 Post Oak Blvd. Houston, TX 77056 US
<b>MSDS Prepared by</b>	Product Safety and Health
<b>Chemical Name</b>	not applicable
<b>Synonym(s)</b>	02321-00 406443
<b>Molecular Formula</b>	not applicable
<b>Molecular Weight</b>	not applicable
<b>Product Use</b>	wax
<b>OSHA Status</b>	hazardous

For emergency health, safety and environmental information, telephone (903) 237-5189.

For emergency transportation information, telephone CHEMTREC at 703-527-3887.

### 2. COMPOSITION INFORMATION ON INGREDIENTS

(Typical composition is given, and it may vary. A certificate of analysis can be provided, if available.)

<u>Weight %</u>	<u>Component</u>	<u>CAS Registry No.</u>
>99%	maleated polyethylene	9006-26-2
<1%	modifiers/additives	proprietary
<0.1%	maleic anhydride	108-31-6

### 3. HAZARDS IDENTIFICATION

#### WARNING!

AT ELEVATED TEMPERATURES, VAPOR MAY CAUSE ALLERGIC RESPIRATORY REACTION

AT ELEVATED TEMPERATURES, VAPOR MAY CAUSE IRRITATION OF EYES AND  
RESPIRATORY TRACT

MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS

**HMIS® Hazard Ratings:** Health - 2\*, Flammability -1, Chemical Reactivity - 0

*HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.*

### 4. FIRST-AID MEASURES

For other information, contact Westlake Chemical Corporation Customer Service 1-800-545-9577 (Monday-Friday,  
7:30am-5:00pm - central standard time)

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MARKETED BY  
**HARWICK STANDARD  
DISTRIBUTION CORPORATION**  
60 S. Seiberling Street • Akron, Ohio 44305



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**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

**Eyes:** If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately. In case of irritation from airborne exposure, move to fresh air. Get medical attention if symptoms persist.

**Skin:** If burned by contact with molten material, cool as quickly as possible. Do not peel material from skin. Get medical attention.

**Ingestion:** Seek medical advice.

**Note to Physicians:** Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from the skin is not necessary.

### 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** water spray, dry chemical, carbon dioxide

**Special Fire-Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing.

**Hazardous Combustion Products:** carbon dioxide, carbon monoxide

**Unusual Fire and Explosion Hazards:** Powdered material may form explosive dust-air mixtures.

### 6. ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment. Sweep up and place in a clearly labeled container for chemical waste.

**For Large Spills:** Flush spill area with water spray. Prevent runoff from entering drains, sewers, or streams. Dike for later disposal.

### 7. HANDLING AND STORAGE

**Personal Precautionary Measures:** Do not breathe vapor from heated material. Avoid contact with molten material. Use only with adequate ventilation.

**Prevention of Fire and Explosion:** Keep from contact with oxidizing materials. Minimize dust generation and accumulation. In the United States of America, refer to NFPA® Pamphlet No. 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries."

**Storage:** Keep container closed.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

*Country specific exposure limits have not been established or are not applicable unless listed below.*

**Ventilation:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended

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exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Respiratory Protection:** If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

**Eye Protection:** Wear a face shield when working with molten material. Wear a full-face respirator, if needed.

**Skin Protection:** When material is heated, wear gloves to protect against thermal burns.

**Recommended Decontamination Facilities:** eye bath, washing facilities

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical Form:** solid

**Color:** white

**Odor:** slight

**Odor Threshold for (maleic anhydride):** 0.32 ppm

**Specific Gravity:** 0.9 (25 °C)

**Softening Point:** 102 - 106 °C

**Solubility in Water:** negligible

**Flash Point:** 261 °C (Setaflash closed cup)

**Thermal Decomposition Temperature:** (DSC) No exotherm to 500°C

### 10. STABILITY AND REACTIVITY

**Stability:**

Stable.

**Incompatibility:**

Material reacts with strong oxidizing agents.

**Hazardous Polymerization:**

Will not occur.

### 11. TOXICOLOGICAL INFORMATION

**Inhalation:** Prolonged or repeated exposure to smoke or fumes generated by heating this product may cause respiratory sensitization.

*Acute toxicity data, if available, are listed below. Additional toxicity data may be available on request.*

### 12. ECOLOGICAL INFORMATION

*Acute toxicity data, if available, are listed below. Additional toxicity data may be available on request.*

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This material has not been tested for environmental effects.

### 13. DISPOSAL CONSIDERATIONS

Discharge, treatment, or disposal may be subject to national, state, or local laws. Incinerate.

### 14. TRANSPORT INFORMATION

*Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.*

#### DOT (USA)

Class not regulated

#### Sea - IMDG (International Maritime Dangerous Goods)

Class not regulated

#### Air - ICAO (International Civil Aviation Organization)

Class not regulated

### 15. REGULATORY INFORMATION

**SARA 311-312 Hazard Classification(s):**  
immediate (acute) health hazard

**SARA 313: none, unless listed below**

**Carcinogenicity Classification (components present at 0.1% or more): none, unless listed below**

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**TSCA (US Toxic Substances Control Act):** All components of this product are listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

**DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act):** All components of this product are listed on the DSL. Any impurities present in this product are exempt from listing.

**EINECS (European Inventory of Existing Commercial Chemical Substances):** All components of this product are listed on EINECS. Any polymer present in this product has regulatory clearance under Directives of the European Union.

**AICS / NICNAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme):** All components of this product are listed on AICS or otherwise comply with NICNAS.

**MITI (Japanese Handbook of Existing and New Chemical Substances):** All components of this product are listed in the Handbook or have been approved in Japan by new substance notification.

**ECL (Korean Toxic Substances Control Act):** All components of this product are listed on the Korean inventory or otherwise comply with the Korean Toxic Substances Control Act.

**Inventory of Existing Chemical Substances in China:** All components of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).

### 16. OTHER INFORMATION

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*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 these 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.*

*Highlighted areas indicate new or changed information.*