



MATERIAL SAFETY DATA SHEET

Revision Date: 30.11.2006

MSDSNO/EURO/EN/150000000809/Version 3.2

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	Epolene(TM) E-20 Wax
Product Identification Number(s)	E-20, 50042426, P0291118, P0292100, P0292101, P0292102, P0292105, P0292106, P0292107, P0292108, P0292109, P0292110, P0292114, P0292115, P0292116, P0292117, P0292119
Manufacturer/Supplier	Westlake Longview Corporation 2801 Post Oak Blvd. Houston, TX 77056 US
Chemical Name	not applicable
Synonym(s)	02921-00 970007
Product Use	wax
Molecular Formula	not applicable
Molecular Weight	not applicable

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>	<u>Symbol</u>	<u>Risk</u>
100%	functionalized polymer	proprietary		

3. HAZARDS IDENTIFICATION

CAUTION!
MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS

4. FIRST-AID MEASURES

Inhalation: If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Eyes: If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.

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. Material is not expected to be absorbed from the gastrointestinal

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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tract so that induction of vomiting should not be necessary.

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

Sweep or scoop up and remove.

7. HANDLING AND STORAGE

Personal Precautionary Measures: Avoid contact with molten material.

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. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances; such as poorly ventilated spaces, heating, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.

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.

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

Recommended Decontamination Facilities: eye bath, washing facilities

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: solid

Color: white

Odor: odorless

Specific Gravity: 0.93 - 0.96 (25 °C)

Softening Point: 100 - 114 °C

Viscosity: 300 mPa.s (125 °C),

Solubility in Water: negligible

Flash Point: > 204 °C (Cleveland open cup)

Autoignition Temperature: 468 °C (ASTM E659)

Thermal Decomposition Temperature: (HPDTA) No exotherm to 400°C

10. STABILITY AND REACTIVITY

Stability: Stable.

Incompatibility: Material reacts with strong oxidizing agents.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

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

Oral LD-50:(rat)	> 6,400 mg/kg(highest dose tested)
Dermal LD-50: (rabbit)	> 2,000 mg/kg (highest dose tested)
Skin Irritation (guinea pig)	slight
Skin Sensitization: (guinea pig)	none

12. ECOLOGICAL INFORMATION

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

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

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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.

ADR/RID:

Class not regulated

Sea - IMDG (International Maritime Dangerous Goods)

Class not regulated

Air - ICAO (International Civil Aviation Organization)

Class not regulated

15. REGULATORY INFORMATION

This product has been reviewed and is classified and labeled as follows in full accord with EC Directive 67/548 and all other current applicable amending Directives, including, but not limited to, 91/155/EC, 1999/45/EC, 2001/58/EC and 2001/59/EC. According to the Korean Toxic Chemicals Substances List (TCCL Article 10; NIER Public Notice No. 1997-3) as amended and/or the Standards for the Preparation and Availability of Material Safety Data Sheets, this product is labeled as follows: Handle in accordance with good industrial hygiene and safety practice. Handle in accordance with good industrial hygiene and safety practice.

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

TSCA (US Toxic Substances Control Act): This product is 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): This product is listed on the DSL. Any impurities present in this product are exempt from listing.

EINECS (European Inventory of Existing Commercial Chemical Substances): This product is listed on EINECS or otherwise complies with EINECS requirements. 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): This product is listed on AICS or otherwise complies with NICNAS.

MITI (Japanese Handbook of Existing and New Chemical Substances): This product is listed in the Handbook or has been approved in Japan by new substance notification.

ECL (Korean Toxic Substances Control Act): This product is listed on the Korean inventory or otherwise complies with the Korean Toxic Substances Control Act.

16. OTHER INFORMATION

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Handle in accordance with good industrial hygiene and safety practice. Handle in accordance with good industrial hygiene and safety practice.

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.

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