

Moretex Chemical Products, Inc.

Material Safety Data Sheet

Oxidized Polyethylene Homopolymers

1. Chemical Product and Company Identification

Product Name: Oxidized Polyethylene Homopolymers

Other Generic Names: Mopoly

Product Use: Multiple uses in many applications

Manufacturer: Moretex Chemical Products, Inc.

314 West Henry Street

PO Box 1799

Spartanburg, SC 29304-1799

For More Information Call:

(Monday-Friday. 9:00am-4:30pm)

864-583-8441

In Case Of Emergency Call

864-583-8441 Monday-Friday

864-463-8441 Saturday-Sunday

2. Composition/Information in Ingredients

<u>Ingredient Name</u>	<u>Cas #</u>	<u>Weight %</u>
Oxidized Polyethylene	68441-17-8	100

Trace Impurities and additional material names not listed above may also appear in the regulatory information section (#15) toward the end of the MSDS. These materials may be listed for local "right to know" compliance for other reasons.

3. Hazards Identification

Emergency Overview: all products are white waxy solids in pellet or powder form. Powdered material in air may form an explosive mixture. No other significant immediate health, physical, or environmental hazards are associated with these materials.

Potential Health Hazards:

Skin: Negligible dermal irritant

Eyes: Non-eye irritant. Particulate causes mechanical irritation

Inhalation: Treat powder as a nuisance particulate.

Ingestion: No effects Known. Low Toxicity.

Delayed Effects: None Known

Ingredients found on one of the OSHA designated carcinogen lists are listed below.

-No Ingredients found in this section-

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4. First Aid Measures

Skin: Wash with soap and water.

Eye: Wash with water for 15 minutes. If irritation persists, consult physician.

Inhalation: For inhalation of powder, move to fresh air.

Ingestion: Not expected to occur

Advise to Physician: No specific advice. Treat according to symptoms present.

5. Fire Fighting Measures

Flammable Properties:

Flash Point: >490°F (>255°C)

Flash Point Method: Open Cup

Auto Ignition Temperature: None Known

Upper Flame Limit (volume % in Air): Not Applicable

Lower Flame Limit (Volume % in Air): Not Applicable

Flame Propagation Rate (Solids): Unknown

OSHA Flammability Class: Combustible Solid

Extinguishing Method: Carbon Dioxide, dry chemical or fine water spray. Avoid water stream on molten burning material as it may scatter and spread the fire.

Unusual fire and Explosion Hazards: Fire Point >313°C. Melts in proximity to fire causing slippery floors and stairs. Static charges on powders or powders in liquids may ignite combustible atmospheres. See NFPA Bulletin 654, "Prevention of Fires and Dust Explosions in Chemical, Dye, Pharmaceutical, and Plastics Industries" for safe handling procedures.

Special Fire Fighting Precautions/Instructions: Wear self-contained breathing apparatus approved by NIOSH. Watch footing on floors and stairs because of possible melting and spreading of materials. Use water spray to keep containers cool.

6. Accidental Release Measures

In case of spill or other releases: (Always wear recommended personal protective equipment) Remove ignition sources from the powdered grades. Keep away from heat and flames. Sweep up with a minimum of dusting. Collect in a container such as a drum or carton.

Spills and Releases may have to be reported to Federal and/or Local authorities. See the regulatory information section (#15) regarding reporting requirements.

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7. Handling and Storage

Normal Handling: (Always wear recommended personal protective equipment) Under conditions of storage, vapors may collect in the headspace of the containers causing an odor (sometimes pungent) during unpacking of the products. Avoid breathing the vapors when opening the containers, and fumes from heating operations. Avoid spillage, which can cause very slippery conditions on floors. Use good personal hygiene and housekeeping.

Storage Recommendations: Avoid Excessive heat. Do not store near strong oxidizing agents and amines.

8. Exposure Controls/ Personal Protection

Engineering Controls: Use adequate ventilation when opening product containers, during beating processes, or if dusty conditions prevail when handling powdered materials. For storage and ordinary handling, general ventilation is adequate.

Personal Protective Equipment:

Skin Protection: Protective garments I.E. gloves with long sleeves, when handling molten material.

Eye Protection: Chemical goggles around molten material and dusty conditions.

Respiratory Protection: Use NIOSH approved dust respirator with powdered grades if dusty conditions prevail. When opening product containers and during melting or conveying in molten state, use organic vapor respirator.

Additional Recommendations: Not generally required.

Exposure Guidelines: (Guidelines exist for the following ingredients)

<u>Ingredient Name</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>Other Limit</u>
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No ingredients listed in this section.

Other exposure limits for the decomposition products normally associated with product use are as follows.

Powdered forms may generate nuisance particulate upon handling: ACGIH TLV = 10 mg/m³ of total particulate.

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9. Physical and Chemical Properties

Appearance: White powder

Physical State: Solid

Odor: Characteristic waxy odor

Specific Gravity: (Water=1.0) .96-.98

Solubility in Water: (Weight %) Negligible

pH: Not applicable

Boiling Point: Not Applicable

Melting Point: 135-142°C

DSC: 135°C

Vapor Pressure: Not Applicable

Vapor Density: (Air: 1.0) Not Applicable

Evaporation Rate: Not applicable.

% Volatiles: Not Applicable

Flash Point: >490° (>255°C)

(Flash point method and additional flammability data are found in section 5)

10. Stability and Reactivity

Normal Stable? (Conditions to avoid): Stable at normal conditions

Incompatibilities: Strong Oxidizing agents and amines

Hazardous Decomposition Products: Depending on conditions of fire, CO, CO₂, and combustible gases may be generated.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

Immediate (Acute) Effects: Acute oral toxicity in rats: LD₅₀>2.500mg/kg.

Delayed (Subchronic & Chronic) Effects: Not determined

Other Data: No other data developed.

12. Ecological Information

No data has been developed on this subject. These polymeric products are not soluble in water. They are not considered biodegradable.

13. Disposal Consideration

RCRA: Is the unused product a RCRA hazardous waste if discarded? No

If yes, the RCRA number is:

Other Disposal Considerations: Discard as non-hazardous organic solid waste. The information offered here is for the product as shipped. Use and/or alteration of the product such as mixing with other materials may significantly change the

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characteristics of the materials and alter the RCRA classification and the proper disposal method.

14. Transportation Information

US DOT Hazard Class: Not regulated

US DOT ID Number: Not Applicable

For Additional information on shipping regulations affecting this material, contact the information number found on the first page.

15. Regulatory Information

Toxic Substances Control Act (TSCA):

TSCA Inventory Status: Products are listed on the TSCA Chemical Inventory

Other TSCA Issues: None

SARA Title III/CERCLAR: Reportable Quantities (RQs) and/or "Threshold Planning Quantities. (TPOs) exist for the following ingredients. No ingredients listed in this section.

Spill releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center (1-800-424-8802) and to your Emergency Planning Committee.

Section 311 Hazard Class: None

SARA 313 Toxic Chemicals: The following ingredients are SARA 313 Toxic Chemicals. Cas # and Wt% are found in Section 2.

No ingredients found in this section.

State Right to Know: In addition to the ingredients found in section2, the following are listed for the sate right to know purposes.

No ingredients listed in this section.

WHMIS Classification (Canada): Not subject to WHMIS regulations

16. Other Information

Current Issue Date: 1/31/06

Other Information: None