

**MATERIAL SAFETY DATA SHEET**  
**xlaFORM 2504A1**

**MANUFACTURED BY:**

XLAFORM HOLDINGS  
425 LASH DRIVE  
SALISBURY, NC 28147

EMERGENCY CONTACT: 704-633-2622  
NIGHT: 704-726-9840

DATE OF PREP: DEC. 8, 2006

SUPERSEDES: OCT. 18, 2006

**SECTION I. PRODUCT IDENTIFICATION**

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PRODUCT NAME: xlaFORM 2504A1  
PRODUCT CLASS: POLYESTER BACKBONED OLIGOMER, MODIFIED WITH ESTERS OF ACRYLIC ACID  
DOT DESCRIPTION: NOT DOT REGULATED

**SECTION II. PHYSICAL DATA**

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BOILING RANGE: >200°C  
SPECIFIC GRAVITY: 1.18-1.20  
VAPOR DENSITY(AIR=1): HEAVIER THAN AIR  
APPEARANCE AND ODOR: STRAW COLORED LIQUID WITH CHARACTERISTIC ODOR  
SOLUBILITY IN WATER: NEGLIGIBLE

PERCENT VOLATILE BY WEIGHT: NIL  
VAPOR PRESSURE(mm Hg @ 25°C): <<0.01 mm Hg  
EVAPORATION RATE(n-BUAc =1): NIL

**SECTION III. HAZARDOUS INGREDIENTS**

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|         |                                  |       |               |
|---------|----------------------------------|-------|---------------|
| UN 3110 | Organic Peroxide, Type F (solid) | <0.9% | CAS # 80-43-3 |
|---------|----------------------------------|-------|---------------|

**SECTION IV. INGREDIENTS**

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|---------------------------|---------|
| UNSAT POLYESTER OLIGOMERS | 15-60%  |
| ACRYLATE ESTER MONOMERS   | 85-40 % |
| CATALYST(TOTAL)           | <0.9%   |

**NOTE: ALL INGREDIENTS IN EPA INVENTORY UNDER TSCA**

**SECTION V. FIRE AND EXPLOSION HAZARD DATA**

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FLASH POINT: PMCC >212°F (>100°C)      FLAMMABILITY CLASS: NON-COMBUSTIBLE

EXTINGUISHING MEDIA: Use foam, carbon dioxide or chemical fire fighting apparatus.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flames. Closed containers may explode if exposed to extreme heat. Cool containers with water to prevent pressurization.

UNUSUAL FIRE AND EXPLOSION HAZARDS: High temperature and fire conditions may cause rapid and uncontrolled polymerization, which can result in explosions and violent rupture of storage vessels or containers. Avoid the use of a stream of water to control fires since frothing can occur.

**SECTION VI. HEALTH HAZARD DATA**

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THRESHOLD LIMIT VALUE: NONE ESTABLISHED

**EFFECTS OF OVEREXPOSURE**

EYE CONTACT: Contains materials that may cause severe eye injury. Damage is reversible.  
SKIN CONTACT: Prolonged or repeated exposure can cause severe irritation and dermatitis. Repeated contact can cause skin sensitization. May aggravate allergy, eczema, or skin conditions.  
INHALATION: Product is not expected to cause and irritation hazard by inhalation to the nose, throat or respiratory tract because of its low volatility. If mists are formed, product may present an irritation hazard by inhalation, as product is assumed slightly toxic. If heated, avoid breathing vapors; same guidelines as mists prevail.

**SECTION VI. (CON'T)****HEALTH HAZARD DATA**

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INGESTION: Product is slightly toxic and may be harmful if swallowed.

**EMERGENCY AND FIRST AID PROCEDURES**

**EYE CONTACT:** Flush and clean with lukewarm water for at least 15 minutes, occasionally lifting eyelids. Contact physician immediately.

**SKIN CONTACT:** Remove contaminated clothing and shoes. Wipe form skin. Flush with water followed by washing the affected area with soap and water. If irritation occurs, obtain medical attention. Wash contaminated clothing thoroughly before reuse. Contaminated leather articles, including shoes cannot be decontaminated and should be destroyed.

Solvents should never be used to clean the skin because of the increased potential of penetration.

**INHALATION:** Remove to fresh air. Apply artificial respiration or administer oxygen, if necessary. Call physician immediately.

**INGESTION:** Keep person warm, quiet and get immediate medical attention. If conscious, give large amounts of water and induce vomiting.

**SECTION VII.****REACTIVITY DATA**

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**STABILITY:** Unstable

**CONDITIONS TO AVOID:** Prolonged storage temperatures above 60 degrees C may cause gelation. Temperatures above 100 degrees C will cause exothermic polymerization. Avoid also exposure to ultraviolet light, loss of dissolved air, or contamination with incompatible materials.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents, amines, copper, copper alloys, carbon steel, iron and strong bases.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide.

**HAZARDOUS POLYMERIZATION:** May occur.

**SECTION VIII.****SPILL OR LEAK PROCEDURES**

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**SPILL PROCEDURES:** Eliminate spark sources. Avoid all personal contact. Equip employees with appropriate protective gear. Dike around spilled material. Cover spill with inert absorbent material and shovel into closable containers. Wash contaminated area with soap and water.

**WASTE DISPOSAL METHODS:** Dispose of in accordance with all federal, state and local regulations.

**SECTION IX.****SPECIAL PROTECTION INFORMATION**

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**VENTILATION:** Good mechanical ventilation and local exhaust for mists and vapors.

**PROTECTIVE GLOVES:** Latex, nitrile, neoprene or other suitable impervious gloves are recommended to prevent skin contact.

**EYE PROTECTION:** Wear splash - proof chemical goggles.

**RESPIRATORY PROTECTION:** Organic cartridge respirator, if needed.

**OTHER PROTECTIVE EQUIPMENT:** Eye bath and shower. Wear appropriate equipment to prevent eye and skin contact.

**SECTION X.****SPECIAL PRECAUTIONS**

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**HANDLING, SHIPPING AND STORAGE PRECAUTIONS:**

WARNING!! MAY CAUSE IRRITATION.

MAY CAUSE ALLERGIC SKIN REACTION.

AVOID CONTACT WITH EYES, SKIN OR CLOTHING

AVOID BREATHING VAPOR, MISTS OR SPRAY.

USE WITH GOOD VENTILATION. WASH AFTER HANDLING.

STORE IN COOL DRY AREA, IN CLOSED CONTAINERS.

AVOID EXPOSURE TO SUNLIGHT.

**SECTION XI.****REGULATORY INFORMATION**

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DOT CLASSIFICATION: NOT REGULATED

CERCLA STATUS: NOT LISTED

CANADA-DSL: ALL COMPONENTS LISTED

SARA TITLE III SEC. 313: COMPONENTS REQUIRING REPORTING: NONE

CRA STATUS: NOT A HAZARDOUS WASTE UNDER RCRA(40CFR 261)

TSCA INVENTORY STATUS: ALL COMPONENTS LISTED

EEC (EINECS): ALL COMPONENTS LISTED