



## Safety Data Sheet

---

### SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

---

**PRODUCT NAME:** Rheopave XP 10  
**CHEMICAL NAME:**  
Mixture of Polyolefin and Inert Rheological Additives  
**CHEMICAL FAMILY:**  
Polymer Mixture  
**PRODUCT DESCRIPTION:**  
Polyolefin Mixture for Asphalt Modification.

---

**CONTACT ADDRESS:**  
Lehigh Technologies  
120 Royal Woods ct.  
Tucker, GA 30084  
678-495-2200

---

\*\* **EMERGENCY TELEPHONE NUMBER:** +1-678-495-2204  
\*\* **EMERGENCY FAX NUMBER:** +1-678-495-2201

---

---

### SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

---

Proprietary Mixture of all inert materials, non-toxic and non-hazardous.

No Known Hazards

---

### SECTION 3 HAZARDS IDENTIFICATION

---

#### POTENTIAL HEALTH EFFECTS

##### EYE CONTACT:

No hazard in normal industrial use.

##### SKIN CONTACT:

No hazard in normal industrial use.

##### INHALATION:

No hazard in normal industrial use.

##### INGESTION:

No hazard in normal industrial use.

**Continues on page 2**



**SPECIAL PRECAUTIONS:**

At temperatures above 400 deg F, some decomposition and polymeric breakdown occurs, producing carbon monoxide, carbon dioxide, water vapor, and polymeric fumes. Laboratory investigation of the fumes has indicated they are composed primarily of paraffinic and olefinic hydrocarbons with a molecular weight equivalent to that of 8 to 20 carbon atoms. Small amounts of by-products related to specific additives in the resin may also be present. However, in general use in asphalt applications, temperatures of above 400 deg F are not usually encountered.

The airborne concentration of polymeric fumes which are considered health nuisances should be kept below 5 milligrams per cubic meter and the carbon monoxide concentration kept below 50 parts per million of air (ACGIH TLV's). This can best be accomplished through the use of local exhaust ventilation of the heat sealing/cutting device(s) and or powered ventilation of the work area.

---

**SECTION 4 FIRST AID MEASURES**

---

Direct contact with the molten materials is unlikely with use of the recommended Safety Gear worn.

**EYE CONTACT:**

First aid is normally not required.

**SKIN CONTACT:**

First aid is normally not required.

**INHALATION:**

First aid is normally not required.

**INGESTION:**

First aid is normally not required.

---

**SECTION 5 FIRE – FIGHTING MEASURES**

---

**FLASHPOINT:** >500 Deg F. NOTE: Estimated Minimum

**FLAMMABLE LIMITS:** NOTE: Not Available

**AUTOIGNITION TEMPERATURE:** NOTE: Not Available

---

**GENERAL HAZARD**

Solid material, may burn at or above the flashpoint.

If thermally decomposed, flammable/toxic gases may be released.

Toxic gases will form upon combustion.

Static Discharge, material can accumulate static charges, which can cause an incendiary electrical discharge.

Fire is accompanied by a dense black smoke with an acrid odor and may cause lachrimation (watery eyes).

**Continues on page 3**



#### **FIRE FIGHTING**

Use water spray to cool fire-exposed surfaces and to protect personnel.  
Isolate "fuel" supply to fire.  
Extinguish the fire by cooling with water spray.  
Respiratory and eye protection required for fire fighting personnel.

#### **DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS**

Some carbon monoxide under oxygen lean conditions.

---

### **SECTION 6 ACCIDENTAL RELEASE MEASURES**

---

#### **LAND SPILL**

Recover spilled material and place in suitable containers for recycle or disposal.  
Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

#### **WATER SPILL**

Recover spilled material and place in suitable containers for recycle or disposal.  
Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

---

### **SECTION 7 STORAGE AND HANDLING**

---

#### **ELECTROSTATIC ACCUMULATION HAZARD:**

Yes, use proper grounding procedure

#### **STORAGE TEMPERATURE, °F:**

Indoors and out of direct sunlight  
Not Ap

#### **LOADING/UNLOADING TEMPERATURE, °F:**

Not Applicable

#### **STORAGE/TRANSPORT PRESSURE, mmHg: LOADING/UNLOADING VISCOSITY, cSt:**

Not Applicable

Not Applicable

#### **STORAGE AND HANDLING:**

Keep container closed. Handle and open containers with care. Store in a cool well-ventilated place away from incompatible materials. Do NOT handle or store near an open flame, heat or other sources of ignition. Protect material from direct sunlight. Material will accumulate static charges, which may cause an electrical spark (ignition - source). Use proper grounding procedures.

---

### **SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

---

#### **EXPOSURE CONTROLS**

Ventilation should be provided to control worker exposures and prevent health risk.

**PERSONAL PROTECTION:** Respirator.

#### **EXPOSURE GUIDELINES:**

No workplace exposure limits have been established for this product.

**Continues on page 4**



---

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

---

**BULK DENSITY, at 77°F:**  
32 Lb/ft.3 (.53g/cc)

**VAPOR PRESSURE, mmHg at °F:**  
Not Applicable

**SOLUBILITY IN WATER, wt. % at °F:**  
Negligible

**VISCOSITY OF LIQUIL, cSt at °F:**  
Not Applicable

**SP. GRAV. OF VAPOR, at 1 atm (Air=1):**  
Not Applicable

**FREEZING/MELTING POINT, °F:**  
Not Applicable

**EVAPORATION RATE, n-Bu Acetate=1:**  
Not Applicable

**BOILING POINT, °F:**  
Not Applicable

---

**SECTION 10 STABILITY AND REACTIVITY**

---

**STABILITY:**

Stable

**CONDITIONS TO AVOID INSTABILITY:**

Prolonged heating over 250 Deg. C. May cause slow thermal decomposition.  
Avoid Strong acids, PH<1.

**HAZARDOUS POLYMERIZATION:**

Will not occur

**CONDITIONS TO AVOID HAZARDOUS POLYMERIZATION**

Not Applicable

**MATERIALS AND CONDITION TO AVOID INCOMPATIBILITY:**

Avoid Strong acids, PH<1.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon monoxide, olefinic or paraffinic hydrocarbons

---

**SECTION 11 TOXICOLOGICAL INFORMATION**

---

Please refer to Section 3 for available information on potential health risks.

---

**SECTION 12 ECOLOGICAL INFORMATION**

---

Composed of mixture of inert materials and no specific ecological data are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

---

**SECTION 13 DISPOSAL CONSIDERATIONS**

---

Please refer to Sections 5, 6, and 15 for disposal and regulatory information.

**Continues on page 5**



---

**SECTION 14 TRANSPORT INFORMATION**

---

**DEPARTMENT OF TRANSPORTATION (DOT):**

Information not available. Please contact Lehigh Technologies for more information.

**DOT HAZARD CLASS:** Not regulated

**DOT IDENTIFICATION NUMBER:** Not Available

---

**SECTION 15 REGULATORY INFORMATION**

---

**TSCA:**

This product is listed on the TSCA Inventory.

**CERCLA:**

If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). We recommend you contact local authorities to determine if there may be other local reporting requirements.

**SARA TITLE III:**

Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories:  
Not Hazardous.

---

**SECTION 16 OTHER INFORMATION**

---

**REVISION SUMMARY:** Initial release.

---

**REFERENCE NUMBER:** 1**SUPERSEDES ISSUE DATE:**

---

THIS INFORMATION RELATES TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN AN PROCESS. SUCH INFORMATION IS TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE COMPILED. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY AND COMPLETENESS OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE. WE DO NOT ACCEPT LIABILITY FOR ANY LOSS OR DAMAGE THAT MAY OCCUR FROM THE USE OF THIS INFORMATION NOR DO WE OFFER WARRANTY AGAINST PATENT INFRINGEMENT.

**Last Page**