SAFETY DATA SHEET

1. Identification
Product identifier: Envirotex Lite Resin
Other means of identification:
- SDS number: 7511940
- Product code: 02008, 02016, 02032, 02064, 02128
Recommended use: High Gloss Coating
Recommended restrictions: None known.
Manufacturer/Importer/Supplier/Distributor information
Manufacturer:
- Company name: Environmental Technology, Inc.
- Address: 300 S. Bay Depot Road Fields Landing CA 95537, USA.
- Telephone number: 001 707-443-9323
- E-mail: mail@eti-usa.com
- Contact person: Technical Director
- Emergency phone number: 800-424-9300 (CHEMTREC)

2. Hazard(s) identification
Physical hazards: Not classified.
Health hazards:
- Skin corrosion/irritation: Category 2
- Serious eye damage/eye irritation: Category 2A
- Sensitization, skin: Category 1
OSHA defined hazards: Not classified.
Label elements:
Signal word: Warning
Hazard statement: Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.
Precautionary statement:
Prevention: Avoid breathing mist or vapor. Wear protective gloves/eye protection/face protection. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.
Response: If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
Storage: Store away from incompatible materials.
Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC): None known.
Supplemental information: Not applicable.

3. Composition/information on ingredients
Mixtures
Chemical name | CAS number | %
--- | --- | ---
Epoxy Resins | Proprietary |
C12 - C14 Alkyl Glycidyl Ethers | Proprietary | 4-90

Composition comments: All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The manufacturer has claimed the exact percentage as trade secret under the OSHA Hazard Communication Standard.

4. First-aid measures

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist. Get medical attention if any discomfort continues.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical attention if symptoms occur.

5. Fire-fighting measures


Unsuitable extinguishing media: Water. Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed such as: Carbon oxides. Nitrogen Oxides (NOx).

Special protective equipment and precautions for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions: In case of fire do not breath fumes. Move containers from fire area if you can do so without risk.

Specific methods: Use standard firefighting procedures and consider the hazards of other involved materials. Cool containers exposed to flames with water until well after the fire is out.

General fire hazards: No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors or mists. Avoid contact with skin and eyes. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up: Keep unnecessary personnel away. This product is miscible in water. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Environmental precautions: Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

7. Handling and storage

Precautions for safe handling: Keep out of reach of children. Avoid breathing mists or vapors. Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid release to the environment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities

Store away from incompatible materials (see Section 10 of the SDS). Store in tightly closed original container in a dry, cool and well-ventilated place. Read and follow manufacturer's recommendations.

8. Exposure controls/personal protection

Occupational exposure limits
No exposure limits noted for ingredient(s).

Biological limit values
No biological exposure limits noted for the ingredient(s).

Exposure guidelines
No exposure standards allocated. Use personal protective equipment as required. Keep working clothes separately.

Appropriate engineering controls
Good general ventilation 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 exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear safety glasses with side shields (or goggles).

Skin protection
Chemical resistant gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Skin protection
Hand protection

Skin protection
Other
Wear appropriate chemical resistant clothing to prevent any possibility of skin contact.

Respiratory protection
No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. Wash at the end of each work shift and before eating, smoking and using the toilet.

9. Physical and chemical properties

Appearance
Viscous liquid.

Physical state
Liquid.

Form
Liquid.

Color
Clear.

Odor
Minimal. Not distinct.

Odor threshold
Not available.

pH
Not available.

Melting point/freezing point
Not available.

Initial boiling point and boiling range
Not available.

Flash point
> 392.0 °F (> 200.0 °C) Seta Closed Cup

Evaporation rate
Not available.

Flammability (solid, gas)
Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)
Not available.

Flammability limit - upper (%)
Not available.

Explosive limit - lower (%)
Not available.

Explosive limit - upper (%)
Not available.

Vapor pressure
< 1.33 mbar

Vapor density
> 1 ( Air=1)

Relative density
Not available.

Solubility(ies)
Slightly soluble

Solubility (water)
Slightly soluble
### 10. Stability and reactivity

**Reactivity**
The product is stable and non-reactive under normal conditions of use, storage and transport. Read and follow manufacturer's recommendations.

**Chemical stability**
Stable under normal temperature conditions and recommended use.

**Possibility of hazardous reactions**
Hazardous polymerization does not occur.

**Conditions to avoid**
Avoid high temperatures. Contact with incompatible materials.

**Incompatible materials**
Strong oxidizing agents. Reacts violently with strong acids. Reacts violently with strong bases. Avoid contact with water and liquids. Do not allow molten product to contact water or other liquids. This can cause violent reactions.

**Hazardous decomposition products**
No hazardous decomposition products are known.

### 11. Toxicological information

**Information on likely routes of exposure**

- **Inhalation**
  Under normal conditions of intended use, this material is not expected to be an inhalation hazard. Inhalation of vapors or mists of the product may be irritating to the respiratory system.

- **Skin contact**
  Causes skin irritation. May cause an allergic skin reaction.

- **Eye contact**
  Causes serious eye irritation.

- **Ingestion**
  Under normal conditions of intended use, this material does not pose a risk to health. May be harmful if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics**
Contact may produce eye irritation with associated redness, swelling, tears and pain. Causes skin irritation. May cause sensitization by skin contact. Symptoms include redness, itching and pain. Dermatitis. Rash.

**Information on toxicological effects**

- **Acute toxicity**
  Not expected to be a hazard under normal conditions of intended use. May be harmful if swallowed.

- **Skin corrosion/irritation**
  Causes skin irritation.

- **Serious eye damage/eye irritation**
  Causes serious eye irritation.

**Respiratory or skin sensitization**

- **Respiratory sensitization**
  Due to partial or complete lack of data the classification is not possible.

- **Skin sensitization**
  May cause an allergic skin reaction.

**Germ cell mutagenicity**
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. Resins of this type, liquid resins based on BisPhenolA/Epichlorohydrin (Epoxy Resin), have proved to be inactive when tested by in vivo mutagenicity assays.

**Carcinogenicity**
This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

- **IARC Monographs. Overall Evaluation of Carcinogenicity**
  Not listed.

- **NTP Report on Carcinogens**
  Not listed.

  Not listed.

**Reproductive toxicity**
Not classified.

**Specific target organ toxicity - single exposure**
Not classified.
Specific target organ toxicity - repeated exposure: Not classified.
Aspiration hazard: Due to the high viscosity the product is not an aspiration hazard.
Chronic effects: Based on available data, the classification criteria are not met.

12. Ecological information
Ecotoxicity: Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the environment.
Persistence and degradability: No data is available on the degradability of this product.
Bioaccumulative potential: No data available on bioaccumulation.
Mobility in soil: No data available.
Other adverse effects: None known.

13. Disposal considerations
Disposal instructions: Dispose of in accordance with federal, provincial and local regulations. Do not discharge into drains, water courses or onto the ground.
Local disposal regulations: Dispose in accordance with all applicable regulations.
Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products: Dispose of in accordance with local regulations.
Contaminated packaging: Dispose of in accordance with applicable federal, state, and local regulations.

14. Transport information
DOT: Not regulated as dangerous goods.
IATA: Not regulated as dangerous goods.
IMDG: Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.
General information: This material is regulated only in bulk (> 119 Gallons/450 L) sizes. Non-bulk (<=119 Gallons/450 L) shipments can be reclassified to "not regulated" for transportation.

15. Regulatory information
US federal regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.
SARA 304 Emergency release notification Not regulated.
Toxic Substances Control Act (TSCA) All components of the mixture on the TSCA 8(b) inventory are designated "active".
Superfund Amendments and Reauthorization Act of 1986 (SARA)
SARA 302 Extremely hazardous substance Not listed.
SARA 311/312 Hazardous chemical Yes
Classified hazard categories: Skin corrosion or irritation
Serious eye damage or eye irritation
Respiratory or skin sensitization

Envirotex Lite Resin
903592 Version #: 03 Revision date: 22-July-2019 Issue date: 17-April-2014
Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

US state regulations

US. Massachusetts RTK - Substance List
Not regulated.

US. New Jersey Worker and Community Right-to-Know Act
Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law
Not listed.

US. Rhode Island RTK
Not regulated.

California Proposition 65

WARNING: This product can expose you to Oxirane, 2-(phenoxy)methyl, which is known to the State of California to cause cancer, and Phenol, 4,4’-(1-methylethylidene)bis, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

Oxirane, 2-(phenoxy)methyl (CAS 122-60-1) Listed: October 1, 1990

California Proposition 65 - CRT: Listed date/Female reproductive toxin

Phenol, 4,4’-(1-methylethylidene)bis (CAS 80-05-7) Listed: May 11, 2015

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
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<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
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<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
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<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
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<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
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<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
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<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
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<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
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<td>New Zealand</td>
<td>New Zealand Inventory</td>
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<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
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<td>Taiwan</td>
<td>Taiwan Chemical Substance Inventory</td>
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<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
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</tbody>
</table>

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date                       17-April-2014
Revision date                    22-July-2019
Version #                        03
HMIS® ratings
Health: 2
Flammability: 0
Physical hazard: 0
References
ACGIH
EPA: AQUIRE database
NLM: Hazardous Substances Data Base
US. IARC Monographs on Occupational Exposures to Chemical Agents
HSDB® - Hazardous Substances Data Bank
IARC Monographs. Overall Evaluation of Carcinogenicity
National Toxicology Program (NTP) Report on Carcinogens
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

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