

**MATERIAL SAFETY DATA SHEET**  
PRECISION LABORATORIES, LLC

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name: **ENVY™**  
Supplier: PRECISION LABORATORIES, LLC  
1429 S. SHIELDS DRIVE  
WAUKEGAN, IL 60085

Emergency telephone number: (Chemtrec Information 24 hours) (800) 424-9300  
For MSDS, Product Safety, or Regulatory inquiries, call: (847) 596-3001  
Customer Service, call: (800) 323-6280

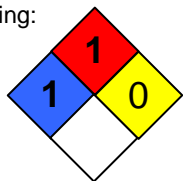
**2. COMPOSITION / INFORMATION ON INGREDIENTS**

| <u>Component</u> | <u>CAS#</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>% By Wt.</u> |
|------------------|-------------|-----------------|------------------|-----------------|
| Proprietary      | N/A         |                 |                  |                 |

**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:**

NFPA Hazard Rating:



HMIS Hazard Rating:

1 Health  
1 Fire  
0 HMIS Reactivity

**Primary Routes of Exposure:**

Eyes: **Yes**

Skin: **Yes**

Oral: **Yes**

Inhalation: **Yes**

**Signs and Symptoms of Exposure:**

Eye contact: This product will mildly irritate human eyes.

Skin contact: Under normal circumstances not considered to be a skin irritant.

Inhalation: Respiratory irritation is associated with the inhalation of this product.

Ingestion: The oral LD<sub>50</sub> in a rat is >5,000 mg/kg. Relative to other materials, a single dose of this product is practically nontoxic by ingestion.

**4. FIRST AID MEASURES**

**FIRST AID MEASURES FOR ACCIDENTAL EXPOSURE**

**Eye Exposure:** Wash eyes with large amounts of water for at least 15 minutes, lifting the lower and upper lids. Seek medical attention immediately.

**Skin Exposure:** Remove contaminated clothing and immediately wash contaminated area with soap and water for at least 15 minutes.

**Inhalation:** Remove person to fresh air.

**Ingestion:** Do not induce vomiting or give fluids by mouth to an unconscious person. If person is conscious, give one or two glasses of water and seek medical attention.

**Medical Conditions Aggravated by Overexposure:** No information was found in connection with medical conditions aggravated by exposure. This product is not a carcinogen by NTP, OSH and ACGIH.

**5. FIRE-FIGHTING MEASURES**

**FIRE HAZARD DATA:**

**Flammability:**

**LEL:**

**UEL:**

**Auto-ignition temperature:**

**Flash Point:** N/D

**Hazardous Decomposition Products of Combustion:**

Burning organic pigments may emit noxious fumes which may include carbon monoxide, carbon dioxide, nitrous oxides and other toxic fumes.

**Extinguishing Media:**

Water, fog, carbon dioxide, foam, dry chemicals

**Special Fire Fighting Procedures:**

Self contained breathing apparatus and full protective equipment

**Additional Fire and Explosive Data:**

None known

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**Product Name:** ENVY – Turf and Ornamental Pigment

## 6. ACCIDENTAL RELEASE MEASURES

|                                |   |
|--------------------------------|---|
| <b>Containment Procedures:</b> | Stop the flow of material, if this is without risk.   |
| <b>Clean-Up Procedures:</b>    | Spilled product should be collected and absorbed. Remove residuals with soap and water. Dispose of collected waste in accordance with federal, state and local regulations. RCRA Hazard Waste: No |
| <b>Evacuation Procedures:</b>  | Isolate area. Keep unnecessary personnel away.  |
| <b>Special Procedures:</b>     | None  |

## 7. HANDLING AND STORAGE

|                             |  |
|-----------------------------|--|
| <b>Handling Procedures:</b> | Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after handling product.  |
| <b>Storage Procedures:</b>  | Keep containers moderately cool. A well ventilated area is considered adequate for the storage of aqueous pigment dispersions. Do not allow to freeze. |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                                   |   |
|-----------------------------------|---|
| <b>Component Exposure Limits:</b> | N/D   |
| <b>Engineering Controls:</b>      | N/D   |
| <b>Eye/Face Protection:</b>       | Safety glasses or goggles.  |
| <b>Skin Protection:</b>           | Wear impermeable gloves and rubber apron.   |
| <b>Respiratory Protection:</b>    | Use local ventilation to control odor.  |
| <b>General Protection:</b>        | Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Wash thoroughly after handling product. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                         |
|--|-------------------------|
| <b>Physical Appearance &amp; Odor:</b> | Green liquid, mild odor |
| <b>Boiling Point:</b>                  | >212° F                 |
| <b>pH:</b>                             | 8.2 – 9.1 (10% slurry)  |
| <b>Specific Gravity:</b>               | 1.5                     |
| <b>Solubility in Water:</b>            | Dispersible             |

## 10. STABILITY AND REACTIVITY

|  |   |
|--|---|
| <b>Chemical Stability:</b>               | Stable  |
| <b>Incompatibility:</b>                  | Strong acids and oxidizing agents   |
| <b>Hazardous Decomposition Products:</b> | Burning organic pigments may emit noxious fumes with may include carbon monoxide, carbon dioxide, nitrous oxides and other toxic fumes. |
| <b>Hazardous Polymerization:</b>         | Will not occur  |
| <b>Conditions to Avoid:</b>              | N/D   |

## 11. TOXICOLOGICAL INFORMATION

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Acute Oral Toxicity:</b>       | LD50 >5,000 mg/kg |
| <b>Acute Eye Irritation:</b>      | N/D               |
| <b>Acute Dermal Irritation:</b>   | N/D               |
| <b>Acute Dermal Toxicity:</b>     | N/D               |
| <b>Acute Inhalation:</b>          | N/D               |
| <b>Component Carcinogenicity:</b> | N/D               |

## 12. ECOLOGICAL INFORMATION

|                     |   |
|---------------------|---|
| <b>Ecotoxicity:</b> | No information available for the product. |
|---------------------|---|

## 13. DISPOSAL CONSIDERATIONS

|                                 |  |
|---------------------------------|--|
| <b>Component Waste Numbers:</b> | No EPA Waste Numbers are applicable for this product's components.   |
| <b>Disposal Instructions:</b>   | All waste must be handled in accordance with local, state and federal regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.       |
| <b>Container Reuse:</b>         | An empty container can contain product residue, and should not be reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse. |

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## 14. TRANSPORT INFORMATION

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DOT Status (Highway and rail): No  
IATA Status (Air): N/D

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## 15. REGULATORY INFORMATION

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SARA HAZARD: No

State:

WHMIS:

**WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, PRECISION LABORATORIES, LLC MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.**

N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.