PROLIFT

# SAFETY DATA SHEET According to GHS

## Section 1: Identification

### Product Identifier

**Trade Name**: ProLift-2.5
**Chemical Name**: Polyurethane Resin
**Recommended Use**: Component for the manufacture of Polyurethanes
**Restrictions on Use**:

**Distributed By:** Polysource Industries Inc.

### Chemical Manufacturer Information

**Name:** Enerlab 2000 inc
**Address**: 1895 rue de l'industrie, St-Mathieu-de-Beloeil
J3G 0S4, Qc
www.enerlab.ca

**Phone**: (450) 446-8554

**Emergency Phone:** CHEMTREC: 800-424-9300

## Section 2: Hazard Identification

### Classification of the substance or mixture:

| **GHS Classification:** | |
|---|---|
| • Skin irritation, Category 3 | • Eye irritation, Category 2 |

**GHS Labeling:**

**Warning**

| **Hazard Statements:** | |
|---|---|
| • May cause skin irritation | • May cause eye irritation |
| • May cause respiratory irritation | • |

| **Precautionary Statements:** | |
|---|---|
| • Do not breathe fume/gas/mist/vapors/spray | • Wear protective gloves/eye protection/face protection |
| • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. | • IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing |
| • IF ON SKIN: Wash with plenty of soap and water | |

## Section 3: Composition

### Hazardous Components

**Type of product:** Mixture

| CAS# | Weight % | Name |
|---|---|---|
| Proprietary | <10 | Tertiary amine catalysts |

## Section 4: First Aid Measures

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|---|---|
| **Inhalation:** | Move to fresh air if symptoms develop. If breathing is difficult, give oxygen and call physician. |
| **Eye Contact:** | Flush with water for at least 15 minutes. See a physician if irritation develops. |
| **Ingestion:** | Do not induce vomiting unless told to do so by a medical professional. |
| **Most Important symptoms and effects, acute and delayed:** | May cause skin or eye irritation upon contact. Avoid breathing vapors. The dense vapors can displace and reduce breathing air in confined or unventilated spaces causing asphyxiation. Overexposure may cause tremors, confusion, irritation, and may result in cardiac sensitization. |
| **Indication of immediate medical attention and special treatment, if applicable:** | N/A |
| **Skin Contact:** | Wash with soap and water at first opportunity. |

## Section 5: Fire-Fighting Measures

| | |
|---|---|
| **Suitable extinguishing media:** | Water, dry chemicals, $CO_2$ |
| **Unsuitable extinguishing media:** | None |
| **Special hazards arising from the chemical:** | None |
| **Precautions for fire-fighters:** | A self-contained breathing apparatus should be worn to protect against toxic and irritating vapors. |

## Section 6: Accidental Release Measures

| | |
|---|---|
| **Personal precautions, protective equipment, and emergency procedures:** | Clear area. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment. |
| **Environmental precautions:** | Do not discharge into drains/surface waters/groundwater |
| **Methods and material for containment and cleanup:** | Absorb with sawdust, etc., and shovel into container. Waste material should be disposed of under conditions which meet federal, state, and local environmental regulations. |

## Section 7: Handling and Storage

| | |
|---|---|
| **Precautions for safe handling:** | Store between 65°F and 85°F out of sunlight. Relieve pressure slowly when opening container. |
| **Conditions for safe storage, including any incompatibilities:** | Keep tightly sealed. |

## Section 8: Exposure Controls and PPE

### Exposure Limits

| **Component:** | **Type** | **Value** |
|---|---|---|
| Tertiary Amine Catalysts[1] | TWA | None established |

[1]Not listed as a carcinogen (NTA, IARC, OSHA)

### Exposure Controls

| | |
|---|---|
| **Respiratory Protection:** | The specific respirator selected must be based on contamination levels of this material found in the workplace and the working limits of the respirator. A supplied air, full-face mask, positive pressure or continuous flow respirator or a supplied air hood is required when airborne concentrations are unknown or exceed threshold limit values. A positive pressure, self-contained breathing apparatus can be used in emergencies or other unusual situations. Full-face air purifying respirators equipped with organic vapor cartridges can be used in certain situations***, see OSHA standard 29CFR 1910.134***. All equipment must be NIOSH approved and maintained. |
| **Hand, eye, skin, body protection:** | Wear goggles or chemical safety glasses and chemically resistant rubber or plastic gloves. Avoid eye and skin contact. Eye wash system and showers should be available. |

## Section 9: Physical and Chemical Properties

### Basic chemical and physical properties

| | | | |
|---|---|---|---|
| **Appearance:** | Liquid | **Flammability:** | N/A |
| **Color:** | Amber | **Upper/lower flammability or explosive limits:** | N/A |
| **Odor:** | Faint ammonia odor | **Vapor pressure:** | N/A |
| **Odor threshold:** | N/A | **Vapor density:** | N/A |
| **pH:** | N/A | **Relative density:** | 1.07g/mL |
| **Melting pt/freezing pt:** | <32°F | **Solubility(ies):** | highly soluble in water |
| **Boiling pt/boiling range:** | >200°F | **Partition coefficient (n-octanol/water):** | N/A |
| **Flash point:** | >200°F | **Auto-ignition temperature:** | >500°F |
| **Evaporation rate:** | Slower than ether | **Decomposition temperature:** | >500°*F* |

## Section 10: Stability and Reactivity

| | |
|---|---|
| **Chemical stability:** | Stable |
| **Possibility of hazardous reactions:** | N/A |
| **Conditions to avoid:** | N/A |
| **Incompatible materials:** | Isocyanates and other chemicals that react with hydroxyl groups. |
| **Hazardous decomposition products:** | When burned, CO, $CO_2$, $NO_x$ aliphatic fragments, halogens, halogen acids and possibly carbonyl halides. |

## Section 11: Toxicological Information

| | |
|---|---|
| **Acute toxicity:** | May cause skin irritation |
| **Chronic toxicity:** | Not available |
| **Likely routes of exposure:** | Skin |
| **Symptoms related to physical, chemical and toxicological characteristics:** | May cause skin irritation |
| **Delayed and immediate effects and chronic effects from short and long-term exposure:** | May cause skin irritation; avoid contact with eyes |
| **Numerical toxicity measures:** | Not available |

## Section 12: Ecological Information

| | |
|---|---|
| **Ecotoxicity:** | Not a marine pollutant |
| **Persistance and degradability:** | No known significant effects |
| **Bioaccumulative potential:** | Does not bioaccumulate |
| **Mobility in soil:** | |

## Section 13: Disposal

| | |
|---|---|
| **Waste disposal:** | R component drums can be sent to drum reconditioners or disposed of as ordinary industrial waste in compliance with pertinent regulations |

## Section 14: Transport

| | |
|---|---|
| **UN number:** | Not regulated |
| **UN Proper shipping name:** | Not regulated |
| **Transport Hazard class(es):** | Not regulated |
| **Packing group, if applicable:** | Not regulated |
| **Marine pollutant (YorN):** | N |
| **Special precautions:** | None |

## Section 15: Regulatory

### Relevant safety, health, and environmental regulations

| | |
|---|---|
| **Inventory Status:** | All components TSCA listed |
| **US Regulations:** | No ingredients listed |
| **US Superfund Amendments and Reauthorization Act (SARA) Title III Section 313 information:** | No ingredients listed |

## Section 16: Other

| | |
|---|---|
| **SDS Preparation Date:** | 06/24/2014 |
| **Revision Date:** | 23/06/2025 |
| **Revision 2 Date:** | |

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