1. Product And Company Identification

**Supplier**
HENRY COMPANY
909 N. Sepulvida Blvd., Suite 650
El Segundo, CA  90245-2724

Company Contact: Technical Services
Telephone Number: (800) 486-1278
Web Site: www.henry.com

**Manufacturer**
HENRY COMPANY
909 N. Sepulvida Blvd., Suite 650
El Segundo, CA  90245-2724

Company Contact: Technical Services
Telephone Number: (800) 486-1278
Web Site: www.henry.com

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**Supplier Emergency Contacts & Phone Number**
CHEMTREC:  (800) 424-9300
CHEMTREC:  (703) 527-3887
CANUTEC:  (613) 996-6666

**Manufacturer Emergency Contacts & Phone Number**
CHEMTREC:  (800) 424-9300
CHEMTREC:  (703) 527-3887
CANUTEC:  (613) 996-6666

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**Issue Date:** 03/09/2010

**Product Name:** RT201504 - RT-2015-2.0-W
**Product Code:** RT201504

**Product/Material Uses**
Polyurethane Foam Resin

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2. Composition/Information On Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Percent Of Total Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>hydrofluorocarbons</td>
<td>460-73-1</td>
<td>5 - 15</td>
</tr>
<tr>
<td>diethylene glycol</td>
<td>111-46-6</td>
<td>1 - 5</td>
</tr>
<tr>
<td>dimethylcyclohexylamine</td>
<td>98-94-2</td>
<td>1 - 5</td>
</tr>
<tr>
<td>polylol blend</td>
<td>Not Avail.</td>
<td>60 - 80</td>
</tr>
<tr>
<td>chlorinated phosphate ester</td>
<td>13674-84-5</td>
<td>10 - 20</td>
</tr>
</tbody>
</table>

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**EMERGENCY OVERVIEW**

**WARNING!** May cause severe eye and skin irritation. Contact with skin may cause allergic skin reaction. May cause respiratory tract sensitization.

Appearance/Odor: Amber colored liquid with a slight aromatic odor

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3. Hazards Identification

**Primary Routes(s) Of Entry**
Skin & Eye Contact, Inhalation.

**Eye Hazards**
May cause eye irritation. Irritation may be severe, causing burns and leading to permanent eye damage.

**Skin Hazards**
May cause skin irritation. Irritation may be severe resulting in burns to the skin from prolonged contact. May cause allergic skin reaction.
3. Hazards Identification - Continued

**Ingestion Hazards**
Harmful if swallowed. Ingestion may cause: corrosive lesions of the mouth, throat and esophagus, gastrointestinal upset, nausea and vomiting, abdominal pain, central nervous system depression and neurological disorders. Ingestion may result in injury to the liver and kidneys.

**Inhalation Hazards**
Inhalation of vapors or mists may cause irritation of the nose and throat. May cause respiratory tract sensitization.

**Chronic/Carcinogenicity Effects**
None of the ingredients of this product comprising over 0.1% are classified as carcinogenic according to OSHA, National Toxicology Program (NTP), International Agency for Research on Cancer (IARC) or the American Conference of Governmental Industrial Hygienists (ACGIH).

4. First Aid Measures

**Eye**
In case of contact, hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

**Skin**
Remove contaminated clothing and shoes. Wash affected areas with soap and water. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

**Ingestion**
Call a physician or a poison control center immediately.

**Inhalation**
Remove the person from the contaminated area to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

5. Fire Fighting Measures

**Flash Point:** 269 °F
**Flash Point Method:** Closed Cup
**Lower Explosive Limit:** 7.1%
**Upper Explosive Limit:** 17.7%

**Fire And Explosion Hazards**
Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes. Closed containers may explode when heated due to increased pressure. Do not puncture, cut open or reuse empty containers.

**Extinguishing Media**
Use the appropriate extinguishing media for the surrounding fire. Water spray or fog, carbon dioxide (CO2), dry chemical, alcohol foam.

**Fire Fighting Instructions**
Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

Eliminate all ignition sources. Use appropriate personal protective equipment (PPE). Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect and dispose. Avoid runoff to waterways and sewers.

7. Handling And Storage

**Handling And Storage Precautions**
Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Protect from physical damage. Use only with adequate ventilation. Wash thoroughly after handling. Empty containers may contain hazardous residue, do not reuse.
7. Handling And Storage - Continued

**Handling And Storage Precautions - Continued**
Open containers slowly to allow any pressure build-up to vent safely. Do not open or spray near eyes and face.

8. Exposure Controls/Personal Protection

**Engineering Controls**
Use with adequate ventilation. When used outdoors, stay well away from building air intakes or close the intakes to prevent product from entering building.

**Eye/Face Protection**
Safety glasses with side shields or goggles recommended.

**Skin Protection**
Use with chemical-protective gloves to prevent excessive skin contact. Chemical-resistant gloves made of rubber can be used.

**Respiratory Protection**
The level of respiratory protection needed should be based on the evaluation of chemical exposures by a health or safety professional. If required, use a NIOSH-approved air purifying respirator with organic vapor cartridge or supplied air respirator.

Occupational Exposure Limits for individual ingredients (if available) are listed below.

**Ingredient(s) - Exposure Limits**
diethylene glycol  
AIHA WEEL-TWA 10 mg/m3

9. Physical And Chemical Properties

**Appearance**
Amber colored liquid

**Odor**
Low, slightly aromatic

**Chemical Type:** Mixture  
**Physical State:** Liquid  
**Boiling Point:** not available °F  
**Specific Gravity:** 1.2 @ 70°F  
**Vapor Pressure:** not available  
**Vapor Density:** 5.67 @ 86°F  
**pH Factor:** 7-10  
**Solubility:** moderate in water

10. Stability And Reactivity

**Stability:** Stable  
**Hazardous Polymerization:** Will not occur  

**Incompatible Materials**
Avoid contact with strong oxidizing agents.

**Hazardous Decomposition Products**
Toxic and irritating gases, vapors or fumes of carbon monoxide (CO), carbon dioxide (CO2), oxides of nitrogen, hydrogen fluoride
11. Toxicological Information

**Miscellaneous Toxicological Information**
Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.

**Ingredient(s) - Toxicological Data**
- **diethylene glycol**
  - Oral-rat LD50: 14800 mg/kg
- **dimethylcyclohexylamine**
  - Oral-mouse LD50: 320 mg/kg
  - Dermal-rat LD50: 370 mg/kg
  - Inhal-rat LC50: 1100 mg/m3/2 hr
- **chlorinated phosphate ester**
  - Oral-rat LD50: 1500 mg/kg

12. Ecological Information

No specific information available.

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations. Avoid/prevent release to the environment.

14. Transport Information

<table>
<thead>
<tr>
<th>Mode</th>
<th>Regulator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground</td>
<td>Not restricted</td>
</tr>
<tr>
<td>IATA</td>
<td>Not restricted</td>
</tr>
<tr>
<td>IMDG</td>
<td>Not restricted</td>
</tr>
</tbody>
</table>

15. Regulatory Information

**U.S. Regulatory Information**
Warning: Contains a substance known to the State of California to cause cancer, birth defects or other reproductive harm.

**SARA Hazard Classes**
Acute Health Hazard

**Ingredient(s) - State Regulations**
- **diethylene glycol**
  - Pennsylvania - Workplace Hazard
- **dimethylcyclohexylamine**
  - New Jersey - Workplace Hazard
  - New Jersey - Special Hazard
  - New York City - Hazardous Substance

**Canadian Regulatory Information**
This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: D2B - Toxic

**Ingredient(s) - Canadian Regulatory Information**
- **dimethylcyclohexylamine**
  - WHMIS - Ingredient Disclosure List
16. Other Information

Revision/Preparer Information
This MSDS Supersedes A Previous MSDS Dated: 03/09/2010

Disclaimer

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purposes(s).

HENRY COMPANY