1 Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier
· Trade name: Touch N Seal Foam Kit 15 REG Part - B
· Article number: EHS2422 - MSDS/REG B

· 1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

· Application of the substance / the preparation Sealant

· 1.3 Details of the supplier of the Safety Data Sheet
· Manufacturer/Supplier:
  Convenience Products, division of Clayton Corp.
  866 Horan Drive
  Fenton, MO 63026-2416
  Phone: 636-349-5855

· 1.4 Emergency telephone number:
  ChemTel Inc.
  (800)255-3924, +1 (813)248-0585

2 Hazards identification

· 2.1 Classification of the substance or mixture

GHS07

Acute Tox. 4 H302 Harmful if swallowed.
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H335 May cause respiratory irritation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC
Xn; Harmful
R22: Harmful if swallowed.

Xi; Irritant
R36/37/38: Irritating to eyes, respiratory system and skin.

Information concerning particular hazards for human and environment:
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Warning! Pressurized container.

Classification system:
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

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Safety Data Sheet
according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and
GHS

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Revision: 09.08.2013

Trade name: **Touch N Seal Foam Kit 15 REG Part - B**

<table>
<thead>
<tr>
<th>2.2 Label elements</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Labelling according to Regulation (EC) No 1272/2008</td>
<td>The product is classified and labelled according to the CLP regulation.</td>
</tr>
<tr>
<td>Hazard pictograms</td>
<td><strong>GHS07</strong></td>
</tr>
<tr>
<td>Signal word</td>
<td>Warning</td>
</tr>
<tr>
<td>Hazard-determining components of labelling:</td>
<td>Polyether polyl halogenated aliphatic polyether polyl triethyl phosphate</td>
</tr>
<tr>
<td>Hazard statements</td>
<td>H302 Harmful if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.</td>
</tr>
<tr>
<td>Precautionary statements</td>
<td>P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 Specific treatment (see on this label). P362 Take off contaminated clothing and wash before reuse. P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P332+P313 If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P330 Rinse mouth. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P405 Store locked up. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.</td>
</tr>
<tr>
<td>Additional information:</td>
<td>Contains diglycidyl 1,2-cyclohexanedicarboxylate. May produce an allergic reaction.</td>
</tr>
</tbody>
</table>

---

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Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

- **Hazard description:**
- **WHMIS-symbols:**
  - A - Compressed gas
  - D2B - Toxic material causing other toxic effects

- **NFPA ratings (scale 0 - 4)**
  - Health = 2
  - Fire = 0
  - Reactivity = 1

- **HMIS-ratings (scale 0 - 4)**
  - Health = 2
  - Fire = 0
  - Reactivity = 1

- **HMIS Long Term Health Hazard Substances**
  - None of the ingredients is listed.

- **2.3 Other hazards**
  - **Results of PBT and vPvB assessment**
  - PBT: Not applicable.
  - vPvB: Not applicable.

---

**3 Composition/information on ingredients**

- **3.2 Mixtures**
  - **Description:** Mixture of substances listed below with nonhazardous additions.

<table>
<thead>
<tr>
<th>Dangerous components</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyether polyl</td>
<td>25-50%</td>
</tr>
<tr>
<td>Xn R22; Xi R36/37/38</td>
<td></td>
</tr>
<tr>
<td>Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335</td>
<td></td>
</tr>
<tr>
<td>CAS: 68441-62-3</td>
<td>25-50%</td>
</tr>
<tr>
<td>halogenated aliphatic polyl</td>
<td></td>
</tr>
<tr>
<td>Xn R22; Xi R36</td>
<td></td>
</tr>
<tr>
<td>Acute Tox. 4, H302; Eye Irrit. 2, H319</td>
<td></td>
</tr>
<tr>
<td>CAS: 811-97-2</td>
<td>&lt; 10%</td>
</tr>
<tr>
<td>EINECS: 212-377-0</td>
<td></td>
</tr>
<tr>
<td>Norflurane</td>
<td></td>
</tr>
<tr>
<td>Press. Gas, H280</td>
<td></td>
</tr>
</tbody>
</table>

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| CAS: 78-40-0 | triethyl phosphate | Xn R22 |
| EINECS: 201-114-5 | | < 10% |
| Index number: 015-013-00-7 | | ① Acute Tox. 4, H302 |

| proprietary chlorinated olefin solvent | Xn R20; F R11 |
| R52/53 | < 10% |
| Flam. Liq. 2, H225 | ① Acute Tox. 4, H332 |
| Aquatic Chronic 3, H412 |

| CAS: 5493-45-8 | diglycidyl 1,2-cyclohexanedicarboxylate | Xi R36/37/38; Xi R43 |
| EINECS: 226-826-3 | | < 10% |
| Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335 |

| CAS: 68928-76-7 | dimethylbis[(1-oxonodecyl)oxy]stannane | Xn R22-48/22-63; N R51/53 |
| EINECS: 226-826-3 | | < 10% |
| STOT RE 2, H373 |
| Aquatic Chronic 2, H411 |
| Acute Tox. 4, H302 |

**4 First aid measures**

- **4.1 Description of first aid measures**
  - **General information:**
    Immediately remove any clothing soiled by the product.
    Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
  - **After inhalation:**
    Supply fresh air; consult doctor in case of complaints.
    In case of unconsciousness place patient stably in side position for transportation.
  - **After skin contact:**
    Immediately wash with water and soap and rinse thoroughly.
    Immediately remove any clothing soiled by the product.
    Do not pull solidified product off the skin.
    If skin irritation continues, consult a doctor.
  - **After eye contact:**
    Protect unharmed eye.
    Rinse opened eye for several minutes under running water. Then consult a doctor.
    Do not remove contact lenses if worn.
  - **After swallowing:**
    Rinse out mouth and then drink plenty of water.
    Do not induce vomiting; call for medical help immediately.

- **4.2 Most important symptoms and effects, both acute and delayed**
  - Headache
  - Dizziness
  - Coughing

(Contd. on page 3)
### 5 Firefighting measures

- **5.1 Extinguishing media**
  - Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  - For safety reasons unsuitable extinguishing agents: None.

- **5.2 Special hazards arising from the substance or mixture**
  - In case of fire, the following can be released:
    - Nitrogen oxides (NOₓ)
    - Carbon monoxide (CO)
  - Under certain fire conditions, traces of other toxic gases cannot be excluded.

- **5.3 Advice for firefighters**
  - Protective equipment:
    - Wear self-contained respiratory protective device.
    - Wear fully protective suit.
  - Additional information: Cool endangered receptacles with water spray.

### 6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
  - Ensure adequate ventilation
  - Wear protective equipment. Keep unprotected persons away.

- **6.2 Environmental precautions**: Do not allow to enter sewers/ surface or ground water.

- **6.3 Methods and material for containment and cleaning up**:
  - Allow to solidify. Pick up mechanically.
  - Clean the affected area carefully; suitable cleaners are:
    - Warm water and cleansing agent
    - Organic solvent
  - Dispose contaminated material as waste according to item 13.

- **6.4 Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

### 7 Handling and storage

- **7.1 Precautions for safe handling**
  - Ensure good ventilation/exhaustion at the workplace.

- **Information about fire - and explosion protection**:
  - Do not spray onto a naked flame or any incandescent material.
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7.2 Conditions for safe storage, including any incompatibilities
- Storage:
  - Requirements to be met by storerooms and receptacles:
    Observe official regulations on storing packagings with pressurized containers.
    Store in a cool location.
  - Information about storage in one common storage facility: Store away from foodstuffs.
  - Further information about storage conditions:
    Store in cool, dry conditions in well sealed receptacles.
    Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.
- 7.3 Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- 8.1 Control parameters

<table>
<thead>
<tr>
<th>Ingredients with limit values that require monitoring at the workplace:</th>
</tr>
</thead>
<tbody>
<tr>
<td>811-97-2 Norflurane</td>
</tr>
<tr>
<td>WEEL (USA) 1000 ppm</td>
</tr>
<tr>
<td>78-40-0 triethyl phosphate</td>
</tr>
<tr>
<td>WEEL (USA) 7,45 mg/m³</td>
</tr>
<tr>
<td>proprietary chlorinated olefin solvent</td>
</tr>
<tr>
<td>PEL (USA) 790 mg/m³, 200 ppm</td>
</tr>
<tr>
<td>REL (USA) 790 mg/m³, 200 ppm</td>
</tr>
<tr>
<td>TLV (USA) 793 mg/m³, 200 ppm</td>
</tr>
<tr>
<td>EL (Canada) 200 ppm</td>
</tr>
<tr>
<td>EV (Canada) Short-term value: 990 mg/m³, 250 ppm</td>
</tr>
<tr>
<td>Long-term value: 790 mg/m³, 200 ppm</td>
</tr>
</tbody>
</table>

- Additional information: The lists valid during the making were used as basis.
- 8.2 Exposure controls

<table>
<thead>
<tr>
<th>Personal protective equipment:</th>
</tr>
</thead>
<tbody>
<tr>
<td>General protective and hygienic measures:</td>
</tr>
<tr>
<td>Keep away from foodstuffs, beverages and feed.</td>
</tr>
<tr>
<td>Immediately remove all soiled and contaminated clothing.</td>
</tr>
<tr>
<td>Wash hands before breaks and at the end of work.</td>
</tr>
<tr>
<td>Do not inhale gases / fumes / aerosols.</td>
</tr>
<tr>
<td>Avoid contact with the eyes and skin.</td>
</tr>
<tr>
<td>Respiratory protection:</td>
</tr>
<tr>
<td>Not necessary if room is well-ventilated.</td>
</tr>
<tr>
<td>Use suitable respiratory protective device in case of insufficient ventilation.</td>
</tr>
<tr>
<td>Use suitable respiratory protective device when high concentrations are present.</td>
</tr>
</tbody>
</table>

(Contd. of page 5)
Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Contact lenses should not be worn.

Safety glasses

Body protection: Protective work clothing

---

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:
- Form: Aerosolized liquid with compressed gas in cylinders
- Colour: Amber coloured
- Odour: Characteristic
- Odour threshold: Not determined.

pH-value: Not determined.

Change in condition
- Melting point/Melting range: Undetermined.
- Boiling point/Boiling range: Not applicable, as aerosol.

Flash point: Not applicable, as aerosol.

Flammability (solid, gaseous): Not applicable.

Ignition temperature: Not determined.

Decomposition temperature: Not determined.
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· Self-igniting: Product is not self-igniting.
· Danger of explosion: Product does not present an explosion hazard.
· Explosion limits:
  Lower: Not determined.
  Upper: Not determined.
· Vapour pressure: Not determined.
· Density at 20 °C: 1,1 g/cm³
  Relative density 1,1
  Vapour density Not determined.
  Evaporation rate Not applicable.
· Solubility in / Miscibility with water: Fully miscible.
· Partition coefficient (n-octanol/water): Not determined.
· Viscosity:
  Dynamic: Not determined.
  Kinematic: Not determined.
· 9.2 Other information No further relevant information available.

10 Stability and reactivity

· 10.1 Reactivity
· 10.2 Chemical stability
  · Thermal decomposition / conditions to be avoided:
    No decomposition if used and stored according to specifications.
    Avoid temperatures above 140 °F / 60 °C.
· 10.3 Possibility of hazardous reactions
  Danger of receptacles bursting because of high vapour pressure when heated.
  Contact with acids releases toxic gases.
  Reacts with strong acids and oxidizing agents.
  Reacts with peroxides and other radical forming substances.
· 10.4 Conditions to avoid Store away from oxidizing agents.
· 10.5 Incompatible materials: No further relevant information available.
· 10.6 Hazardous decomposition products:
  Nitrogen oxides
  Hydrogen fluoride
  Hydrogen chloride (HCl)
  Carbon monoxide
  Hydrocarbons

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11 Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
  - **LD/LC50 values relevant for classification:**
    - **13674-84-5 tris(2-chloroisopropyl)-phosphate**
      - Oral  |  LD50  |  3600 mg/kg (rat)
    - **68928-76-7 dimethylbis[(1-oxodecyl)oxy]stannane**
      - Oral  |  LD50  |  894 mg/kg (rat)
      - Dermal |  LD50  |  > 2000 mg/kg (rabbit)
  - **Primary irritant effect:**
    - **on the skin:** Irritant to skin and mucous membranes.
    - **on the eye:** Irritating effect.
  - **Sensitization:**
    - Sensitizing effect by skin contact is possible by prolonged exposure.
    - Sensitizing effect through inhalation is possible by prolonged exposure.
  - **Additional toxicological information:**
    - The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
      - Harmful
      - Irritant

(Contd. on page 10)
13 Disposal considerations

13.1 Waste treatment methods
- Recommendation
Must not be disposed together with household garbage. Do not allow product to reach sewage system. Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agents:
  Solvent naphtha
  Water, if necessary together with cleansing agents.

14 Transport information

14.1 UN-Number
- DOT, ADR, IMDG, IATA
UN1950

14.2 UN proper shipping name
- DOT, IMDG, IATA
- ADR
AEROSOLS, NON-FLAMMABLE, 1950 AEROSOLS

14.3 Transport hazard class(es)
- DOT
  - Class: 2.2
  - Label: 2.2

- ADR
  - Class: 2 5 Gases.
  - Label: 2.2
Safety Data Sheet  
according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS

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<table>
<thead>
<tr>
<th>IMDG</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 2</td>
<td>2 Gases.</td>
</tr>
<tr>
<td>Label 2.2</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IATA</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 2.2</td>
<td></td>
</tr>
<tr>
<td>Label 2.2</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14.4 Packing group</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT, ADR, IMDG, IATA</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14.5 Environmental hazards:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Marine pollutant:</td>
<td>No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14.6 Special precautions for user</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Warning: Gases.</td>
<td></td>
</tr>
<tr>
<td>Danger code (Kemler):</td>
<td>20</td>
</tr>
<tr>
<td>EMS Number:</td>
<td>F-D,S-U</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport category</td>
<td>3</td>
</tr>
<tr>
<td>Tunnel restriction code</td>
<td>E</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>United States (USA)</td>
<td></td>
</tr>
<tr>
<td>SARA</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 355 (extremely hazardous substances):</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>None of the ingredients is listed.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 313 (Specific toxic chemical listings):</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>None of the ingredients is listed.</td>
<td></td>
</tr>
</tbody>
</table>

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TSCA (Toxic Substances Control Act):
All ingredients are listed.

Proposition 65 (California):
- Chemicals known to cause cancer:
  None of the ingredients is listed.
- Chemicals known to cause reproductive toxicity for females:
  None of the ingredients is listed.
- Chemicals known to cause reproductive toxicity for males:
  None of the ingredients is listed.
- Chemicals known to cause developmental toxicity:
  None of the ingredients is listed.

Carcinogenic Categories
- EPA (Environmental Protection Agency)
  None of the ingredients is listed.
- IARC (International Agency for Research on Cancer)
  None of the ingredients is listed.
- TLV (Threshold Limit Value established by ACGIH)
  None of the ingredients is listed.
- NIOSH-Ca (National Institute for Occupational Safety and Health)
  None of the ingredients is listed.
- OSHA-Ca (Occupational Safety & Health Administration)
  None of the ingredients is listed.

Canada
- Canadian Domestic Substances List (DSL)
  All ingredients are listed.
- Canadian Ingredient Disclosure list (limit 0.1%)
  None of the ingredients is listed.
- Canadian Ingredient Disclosure list (limit 1%)
  None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases
  H225  Highly flammable liquid and vapour.
  H280  Contains gas under pressure; may explode if heated.
  H302  Harmful if swallowed.
  H315  Causes skin irritation.

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### Safety Data Sheet
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**Trade name:** Touch N Seal Foam Kit 15 REG Part - B

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>H322</td>
<td>Harmful if inhaled.</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td>H373</td>
<td>May cause damage to organs through prolonged or repeated exposure.</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td>R11</td>
<td>Highly flammable.</td>
</tr>
<tr>
<td>R20</td>
<td>Harmful by inhalation.</td>
</tr>
<tr>
<td>R22</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>R36</td>
<td>Irritating to eyes.</td>
</tr>
<tr>
<td>R36/37/38</td>
<td>Irritating to eyes, respiratory system and skin.</td>
</tr>
<tr>
<td>R43</td>
<td>May cause sensitisation by skin contact.</td>
</tr>
<tr>
<td>R48/22</td>
<td>Harmful: danger of serious damage to health by prolonged exposure if swallowed.</td>
</tr>
<tr>
<td>R51/53</td>
<td>Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</td>
</tr>
<tr>
<td>R52/53</td>
<td>Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</td>
</tr>
<tr>
<td>R63</td>
<td>Possible risk of harm to the unborn child.</td>
</tr>
</tbody>
</table>

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
ACGIH: American Conference of Governmental Industrial Hygienists
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent