Material Safety Data Sheet

TJI® Joist

Weyerhaeuser Company
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Federal Way, WA 98063-9777
http://www.weyerhaeuser.com/Sustainability/MSDS

Emergency Phone: (253) 924-5000
Additional Information: (253) 924-3865
CHEMTREC: (800) 424-9300
Revised Date: September 24, 2010

1. Product Identification

<table>
<thead>
<tr>
<th>Product</th>
<th>Manufacturing Location(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TJI® Joist</td>
<td>USA: Eugene, OR; Natchitoches, LA; Stayton, OR. Canada: Anthony EACOM, Sault Ste. Marie, ON.</td>
</tr>
</tbody>
</table>

Synonyms: None

2. Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS#</th>
<th>Percent</th>
<th>Agency</th>
<th>Exposure Limits</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood (wood dust, softwood and hardwood)</td>
<td>None</td>
<td>91-95</td>
<td>OSHA</td>
<td>PEL-TWA 15 mg/m³ (see footnote A below)</td>
<td>Total dust (PNOR)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA</td>
<td>PEL-TWA 5 mg/m³ (see footnote A below)</td>
<td>Respirable dust fraction (PNOR)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ACGIH</td>
<td>TLV-TWA 1 mg/m³</td>
<td>Inhalable fraction</td>
</tr>
<tr>
<td>Resin Solids: Polymeric phenol-formaldehyde</td>
<td>9003-35-4</td>
<td>1-9</td>
<td>OSHA</td>
<td>PEL-TWA 0.75 ppm PEL-STEL 2 ppm</td>
<td>Free gaseous formaldehyde</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ACGIH</td>
<td>TLV-Ceiling 0.3 ppm</td>
<td></td>
</tr>
<tr>
<td>Polymeric Diphenylmethane Diisocyanate</td>
<td>9016-87-9</td>
<td>4-6</td>
<td>OSHA</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ACGIH</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Paraffin wax</td>
<td>8002-74-2</td>
<td>0.1-1</td>
<td>OSHA</td>
<td>PEL-TWA 2 mg/m³ TLV-TWA 2 mg/m³</td>
<td>Paraffin wax fume</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ACGIH</td>
<td></td>
<td>Paraffin wax fume</td>
</tr>
</tbody>
</table>

A In AFL-CIO v OSHA, 965 F. 2d 962 (11th Cir. 1992), the Court overturned OSHA’s 1989 Air Contaminants Rule, including the specific PEL’s for wood dust that OSHA had established at that time. The 1989 vacated PEL’s were: 5 mg/m³ PEL-TWA and 10 mg/m³ STEL (15 min), all softwood and hardwood except Western Red Cedar. Wood dust is now regulated by OSHA as “Particulates Not Otherwise Regulated” (PNOR), which is also referred to as “nuisance dust”. However, some states have incorporated the 1989 OSHA PEL’s in their state plans. Additionally, OSHA indicated that it may cite employers under the OSH Act general duty clause in appropriate circumstances for noncompliance with the 1989 PEL’s.
2. Hazardous Ingredients/Identity Information (cont'd.)

B These products may contain free formaldehyde (<0.1%, wt %), which may be released depending on concentration and environmental conditions. These products contain no added urea-formaldehyde resins. Large scale chamber studies conducted by the APA Engineered Wood Association on panel materials using similar manufacturing processes and adhesives as TJI® Joist have shown that the finished products should off-gas levels below 0.1 ppm as well.

C This ingredient is the polymerized form of MDI resin.

3. Hazard Identification

Primary Safety/Health Hazards:

Warning:  
TJI® Joist dust may pose a combustible dust explosion hazard if dried and suspended in air in sufficient concentrations and in proximity to an ignition source. Users of this product should examine the potential to generate wood and organic resin dusts during handling and processing and related combustibility hazards and controls. See additional comments in MSDS.

The primary health hazard posed by this product is thought to be due to exposure to airborne wood dust.

Appearance and Odor:  TJI® Joist consists of a ligno cellulosic matrix of interlocking wood fibers having a slightly characteristic wood odor. The wood component of this product may consist of alder, aspen, beech, birch, cottonwood, fir, gum, hemlock, hickory, maple, oak, pecan, pine, poplar, spruce or walnut.

Primary Route(s) of Exposure:

- Ingestion:
- Skin:
- Inhalation:
- Eye:

Medical Conditions Generally Aggravated by Exposure:  Wood dust may aggravate pre-existing respiratory conditions or allergies.

Signs and Symptoms of Exposure:

Acute Health Hazards:  Wood dust can cause eye irritation. Certain species of wood dust can elicit allergic contact dermatitis in sensitized individuals. Wood dust may cause respiratory irritation, nasal dryness, coughing, sneezing and wheezing as a result of inhalation. Formaldehyde may cause temporary irritation of skin, eyes, or respiratory system. Formaldehyde may cause sensitization in susceptible individuals.

Chronic Health Hazards:  Wood dust, depending on the species, may cause allergic contact dermatitis and respiratory sensitization with prolonged, repetitive contact or exposure to elevated dust levels. Prolonged exposure to wood dust has been reported by some observers to be associated with nasal cancer. Additional information related to carcinogenicity for wood dust and formaldehyde is listed below.

Carcinogenicity Listing:

- NTP:  Wood dust, Known Human Carcinogen. Formaldehyde, Reasonably Anticipated to be a Human Carcinogen.
- IARC Monographs:  Wood dust, Group 1, carcinogenic to humans. Formaldehyde, Group 1, carcinogenic to humans.
- OSHA Regulated:  Formaldehyde Gas
3. Hazard Identification (cont'd.)

Wood Dust - NTP: According to its Report on Carcinogens, Eleventh Edition, NTP states, "Wood dust is known to be a human carcinogen based on sufficient evidence of carcinogenicity from studies in humans”. An association between wood dust exposure and cancer of the nasal cavity has been observed in many case reports, cohort studies, and case-control studies that specifically addressed nasal cancer. Strong and consistent associations with cancer of the nasal cavities and paranasal sinuses were observed both in studies of people whose occupations are associated with wood dust exposure and in studies that directly estimated wood dust exposure. This classification is based primarily on increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with exposure to wood dust. The evaluation did not find sufficient evidence to associate cancers of the oropharynx, hypopharynx, lung, lymphatic and hematopoietic systems, stomach, colon or rectum with exposure to wood dust. There is inadequate evidence for the carcinogenicity of wood dust from studies in experimental animals according to NTP.

Wood Dust: IARC – Group 1: Carcinogenic to humans; sufficient evidence of carcinogenicity. This classification is primarily based on studies showing an association between occupational exposure to wood dust and adenocarcinoma to the nasal cavities and paranasal sinuses. IARC did not find sufficient evidence of an association between occupational exposure to wood dust and cancers of the oropharynx, hypopharynx, lung, lymphatic and hematopoietic systems, stomach, colon or rectum.

Formaldehyde - NTP: According to its Report on Carcinogens, Eleventh Edition, NTP states, Formaldehyde (gas) is reasonably anticipated to be a human carcinogen based on limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

Formaldehyde: IARC - Group 1: Carcinogenic to humans, sufficient evidence of carcinogenicity. A working group of IARC has determined that there is sufficient evidence that formaldehyde causes nasopharyngeal cancer in humans, a rare cancer in developed countries and "strong but not sufficient evidence" for leukemia. However, numerous epidemiological studies have failed to demonstrate a relationship between formaldehyde exposure and nasal cancer or pulmonary diseases such as emphysema or lung cancer.

4. Emergency and First-Aid Procedures

Ingestion: Not applicable under normal use.
Eye Contact: Wood and resin dust may cause mechanical irritation. Treat dust in eye as foreign object. Flush with water to remove dust particles. Seek medical help if irritation persists.
Skin Contact: Wood dust of certain species can elicit allergic contact dermatitis in sensitized individuals, as well as mechanical irritation resulting in erythema and hives. Seek medical help if rash, irritation or dermatitis persists. Resin dust may also cause skin reactions in susceptible individuals.
Skin Absorption: Not known to occur under normal use.
Inhalation: Wood and resin dust may cause unpleasant obstruction in the nasal passages, resulting in dryness of nose, dry cough, sneezing and headaches. Remove to fresh air. Seek medical help if persistent irritation, severe coughing or breathing difficulty occurs.

5. Fire and Explosion Data

Flash Point (Method Used): NAP
Flammable Limits: 
LFL = See below under “Unusual Fire and Explosion Hazards”
UFL = NAP
Extinguishing Media: Water, carbon dioxide, sand
5. Fire and Explosion Data (cont’d.)

Autoignition Temperature: Variable [typically 400°F-500°F (204°C-260°C)]

Special Firefighting Procedures: None.

Unusual Fire and Explosion Hazards: Depending on moisture content and more importantly, particle diameter and airborne concentration, wood and organic resin dust may explode in the presence of an ignition source. For wood dust, an airborne concentration of 40 grams (40,000 mg) of dust per cubic meter of air is often used as the LEL. Reference NFPA Standards 654 and 664 for guidance. Ventilation systems should be kept clean and precautions should be taken to prevent sparks or other ignition sources.

<table>
<thead>
<tr>
<th>HMIS Rating (Scale 0-4):</th>
<th>Health</th>
<th>Fire</th>
<th>Physical Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>2*</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NFPA Rating (Scale 0-4):</th>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

6. Accidental Release Measures

Steps to be Taken In Case Material Is Released or Spilled: Sweep or vacuum up for recovery and disposal. Avoid creating dusty conditions whenever feasible. Maintain good housekeeping to avoid accumulation of dried wood and resin dust on exposed surfaces. Dried wood and resin dust may pose a combustible dust hazard. Place recovered wood dust in a container for proper disposal. Use NIOSH-approved respirator and goggles where ventilation is not possible and allowable exposure limits may be exceeded.

7. Handling and Storage

Precautions to be Taken In Handling and Storage: Dried wood and resin dust may pose a combustible dust hazard. Keep away from ignition sources. Avoid eye contact. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of wood dust. These products may release some formaldehyde in gaseous form. Specific handling and storage conditions should be assessed to determine potential formaldehyde concentrations. Store in well-ventilated, cool, dry place away from open flame.

8. Exposure Control Measures, Personal Protection

Personal Protective Equipment:

| RESPIRATORY PROTECTION – Use NIOSH approved filtering face piece respirator (“dust mask”) or higher levels of respiratory protection as indicated if there is a potential to exceed the exposure limits or for symptom relief or worker comfort. Use respiratory protection in accordance with regulatory requirements such as the OSHA respiratory protection standard 29 CFR 1910.134. |
| EYE PROTECTION – Approved goggles or tight fitting safety glasses are recommended when excessive exposures to dust may occur (e.g. during clean up) and when eye irritation may occur. |
| PROTECTIVE GLOVES – Cloth, canvas, or leather gloves are recommended to minimize potential slivers or mechanical irritation from handling product. |
| OTHER PROTECTIVE CLOTHING OR EQUIPMENT – Outer garments which cover the arms may be desirable in extremely dusty areas. |
| WORK/HYGIENE PRACTICES – Follow good hygienic and housekeeping practices. Clean up areas where wood and resin dust settles to avoid excessive accumulation of this combustible material. Minimize compressed air blowdown or other practices that generate high airborne-dust concentrations. |
8. Exposure Control Measures, Personal Protection (cont'd.)

Ventilation:
LOCAL EXHAUST – Provide local exhaust as needed so that exposure limits are met. Ventilation to control dust should be considered where potential explosive concentrations and ignition sources are present. The design and operation of any exhaust system should consider the possibility of explosive concentrations of wood dust within the system. See “SPECIAL” section below. Use of tool mounted exhaust systems should also be considered, especially when working in enclosed areas.
MECHANICAL (GENERAL) – Provide general ventilation in processing and storage areas so that exposure limits are met.
SPECIAL – Ensure that exhaust ventilation and material transport systems involved in handling this product contain explosion relief vents or suppression systems designed and operated in accordance with applicable standards if the operating conditions justify their use.
OTHER – Cutting & Machining of product should preferably be done outdoors or with adequate ventilation & containment.

9. Physical/Chemical Properties

Physical Description: TJI® Joist consists of a ligno cellulotic matrix of resin-bound interlocking wood fibers having a characteristic wood odor. The wood component of these products may consist of alder, aspen, beech, birch, cottonwood, fir, gum, hemlock, hickory, maple, oak, pecan, pine, poplar, spruce and walnut.
Boiling Point (@ 760 mm Hg): NAP
Evaporation Rate (Butyl Acetate = 1): NAP
Freezing Point: NAP
Melting Point: NAP
Molecular Formula: NAP
Molecular Weight: NAP
Oil-water Distribution Coefficient: NAP
Odor Threshold: NAP
pH: NAP
Solubility in Water (% by weight): <0.1
Specific Gravity (H₂O = 1): Variable; depends on wood species and moisture
Vapor Density (air = 1; 1 atm): NAP
Vapor Pressure (mm Hg): NAP
Viscosity: NAP
% Volatile by Volume [@ 70°F (21°C)]: 0

10. Stability and Reactivity

Stability: □ Unstable □ Stable
Conditions to Avoid: Avoid open flame. Product may ignite at temperatures in excess of 400°F (204°C).
Incompatibility (Materials to Avoid): Avoid contact with oxidizing agents.
Hazardous Decomposition or By-Products: Thermal decomposition (i.e. smoldering, burning) can release carbon monoxide, oxides of nitrogen, carbon dioxide, aliphatic aldehydes including formaldehyde, resin acids, terpenes and polycyclic aromatic hydrocarbons. Natural decomposition of organic materials such as wood may produce toxic gases and an oxygen deficient atmosphere in enclosed or poorly ventilated areas. Spontaneous and rapid hazardous decomposition will not occur.
Hazardous Polymerization: □ May occur □ Will not occur
Sensitivity to Mechanical Impact: NAP
Sensitivity to Static Discharge: NAP
11. Toxicological Information

Toxicity Data: None available for product in purchased form. Individual component information for ingredients listed in Section 2 is listed below if available.

Components:
Wood dust (softwood or hardwood)
Wood dust generated from sawing, sanding or machining the product – may cause nasal dryness, irritation, coughing and sinusitis. NTP and IARC classify wood dust as a human carcinogen (IARC Group 1). See Section 3 above.

Formaldehyde
Human inhalation TC$_{Lo}$ of 17 mg/m$^3$ for 30 minutes produced eye and pulmonary results; human inhalation TC$_{Lo}$ of 300 ug/m$^3$ produced nose and central nervous system results; LC$_{50}$ (rat, inhalation) = 1,000 mg/m$^3$, 30 minutes; LC$_{50}$ (mice, inhalation) = 400 mg/m$^3$, 2 hours. IARC classifies formaldehyde as a human carcinogen (IARC Group 1). NTP classifies formaldehyde as Reasonably Anticipated to be a Human Carcinogen. See Section 3 above.

Target Organs: Eyes, skin, respiratory system.

12. Ecological Information

Environmental Fate: The wood portions of this product would be expected to be biodegradable.

Formaldehyde: Trace amounts of free formaldehyde may be released to the atmosphere and would be expected to be removed in the atmosphere by direct photolysis and oxidation by photochemically produced hydroxyl radicals (half-life of a few hours). In the aqueous phase formaldehyde biodegradation is expected to take place in a few days.

Polymeric MDI: The effects from a simulated accidental pollution event in a pond with polymeric MDI on different trophic levels of the aquatic ecosystem were investigated (Heimbach F. et.al., 1996). Neither monomeric MDI nor its potential reaction product MDA (4, 4’-diphenylmethanediimine) was detected in water or accumulated by fish. The MDI polymerized to inert polyurea on the sediment of the test ponds. This polymerization formed carbon dioxide, released as bubbles which floated to the water surface. There was no direct effect on the pelagic community (phytoplankton, zooplankton, fish, and macrophytes) of the test ponds. The atmospheric concentration of MDI arising from a release is naturally low on account of MDI’s very low volatility. It is expected that airborne MDI will have a rather short half-life as a consequence of ready degradation to inorganic compounds by hydroxyl radicals present in the troposphere.

Environmental Toxicity: NAP for finished product.

Component: Formaldehyde

<table>
<thead>
<tr>
<th>Test</th>
<th>Fathead Minnow</th>
<th>Bluegill</th>
<th>Photobacterium phosphoreum</th>
<th>Water flea</th>
</tr>
</thead>
<tbody>
<tr>
<td>96 hr LC$_{50}$</td>
<td>24 mg/L</td>
<td>0.10 mg/L</td>
<td>9 mg/L</td>
<td>20 mg/L</td>
</tr>
</tbody>
</table>

13. Disposal Considerations

Waste Disposal Method: If disposed of or discarded in its purchased form, incineration is preferable, if allowed. Dry land disposal is acceptable in most states. It is, however, the user’s responsibility to determine at the time of disposal whether your product meets RCRA criteria for hazardous waste. Follow applicable federal, state, and local regulations.
14. Transport Information

Mode: (Air, Land, water) Not regulated as a hazardous material by the U.S. Department of Transportation. Not listed as a hazardous material in Canadian Transportation of Dangerous Goods (TDG).

Proper Shipping Name: NAP
Hazard Class: NAP
UN/NA ID Number: NAP
Packing Group: NAP
Information Reported for Product/Size: NAP

15. Regulatory Information

TSCA: Phenol- formaldehyde resin, polymeric diphenylmethane diisocyanate (MDI) and paraffin wax are on the TSCA inventory.
CERCLA: Formaldehyde (100lbs RQ) is on the CERCLA chemical substance inventory.
DSL: Formaldehyde, polymeric diphenylmethane diisocyanate (MDI) and paraffin wax are on the DSL.
OSHA: Wood products are not hazardous under the criteria of the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. However, wood dust generated by sawing, sanding or machining this product may be hazardous. Workplace exposure to formaldehyde is specifically regulated under 29 CFR 1910.1048.

STATE RIGHT-TO-KNOW:
California Prop 65 – This product contains formaldehyde, which depending on temperature and humidity, may be emitted from the product. Weyerhaeuser has evaluated formaldehyde emission rates from its products and have found these rates to be below the significant risk level. The user should determine whether formaldehyde emissions resulting from its site specific use, handling, ventilation design, capacity and final construction design for this product could exceed the safe harbor level.

Warning: Drilling, sawing, sanding or machining wood products generates wood dust, a substance known to the State of California to cause cancer.

Other State Information:
This product is known to contain substances listed on the following State Right to Know (RTK) or Hazardous Substance Lists:
Pennsylvania – This product contains formaldehyde which, depending on temperature and humidity, may be emitted from the product. When drilling, sawing, sanding or machining, the product may emit wood dust. The product may also contain paraffin wax. Formaldehyde, wood dust, and paraffin wax appear on Pennsylvania’s Appendix A, Hazardous Substance Lists.
New Jersey – This product contains formaldehyde, a substance which appears on New Jersey’s Environmental Hazardous Substance List.
Minnesota – Minnesota Statutes, 1984, Sections 144.495 and 325F.181 do not apply to this product; these statutes apply to plywood, particleboard and MDF and other products manufactured with urea-formaldehyde resins.

SARA 313 Information: To the best of our knowledge, this product contains formaldehyde at de minimis concentrations (<0.1%) and is not subjected to the SARA Title III Section 313 supplier notification requirements.

SARA 311/312 Hazard Category: This product has been reviewed according to the EPA "Hazard Categories" promulgated under SARA Title III Sections 311 and 312 and is considered, under applicable definitions, to meet the following categories:
### 16. Regulatory Information (cont’d.)

<table>
<thead>
<tr>
<th>Health Hazard</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>An immediate (acute) health hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>A delayed (chronic) health hazard</td>
<td>Yes</td>
</tr>
<tr>
<td>A corrosive hazard</td>
<td>No</td>
</tr>
<tr>
<td>A fire hazard</td>
<td>No</td>
</tr>
<tr>
<td>A reactivity hazard</td>
<td>NO</td>
</tr>
<tr>
<td>A sudden release hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

**FDA:** Not intended for use as a food additive or indirect food contact item.

**WHMIS Classification:** Controlled Product: D2A - wood dust and formaldehyde: IARC Group 1.

### 17. Additional Information

**Date Prepared:** 10/01/2009

**Date Revised:** 09/24/2010

**Prepared By:** Weyerhaeuser Company Environment, Health, Safety and Sustainability

**Weyerhaeuser MSDS available on:** [http://www.weyerhaeuser.com/Sustainability/MSDS](http://www.weyerhaeuser.com/Sustainability/MSDS)

**User’s Responsibility:** The information contained in this Material Safety Data Sheet is based on the experience of occupational health and safety professionals and comes from sources believed to be accurate or otherwise technically correct. It is the user’s responsibility to determine if the product is suitable for its proposed application(s) and to follow necessary safety precautions. The user has the responsibility to make sure that this MSDS is the most up-to-date issue.

### Definition of Common Terms:

- **ACGIH** = American Conference of Governmental Industrial Hygienists
- **C** = Ceiling Limit
- **CAS#** = Chemical Abstracts System Number
- **DOT** = U. S. Department of Transportation
- **DSL** = Domestic Substance List
- **EC50** = Effective concentration that inhibits the endpoint to 50% of control population
- **EPA** = U.S. Environmental Protection Agency
- **HMIS** = Hazardous Materials Identification System
- **IARC** = International Agency for Research on Cancer
- **IATA** = International Air Transport Association
- **IMDG** = International Maritime Dangerous Goods
- **LC50** = Concentration in air resulting in death to 50% of experimental animals
- **LCLo** = Lowest concentration in air resulting in death
- **LD50** = Administered dose resulting in death to 50% of experimental animals
- **LDLo** = Lowest dose resulting in death
- **LEL** = Lower Explosive Limit
- **LFL** = Lower Flammable Limit
- **MSHA** = Mine Safety and Health Administration
- **NAP** = Not Applicable
- **NAV** = Not Available
- **NIOSH** = National Institute for Occupational Safety and Health
- **NFPA** = National Fire Protection Association
- **NPRI** = Canadian National Pollution Release Inventory
- **NTP** = National Toxicology Program
- **OSHA** = Occupational Safety and Health Administration
- **PEL** = Permissible Exposure Limit
- **RCRA** = Resource Conservation and Recovery Act
- **STEL** = Short-Term Exposure Limit (15 minutes)
- **STP** = Standard Temperature and Pressure
16. Additional Information (cont’d.)

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCLo</td>
<td>Lowest concentration in air resulting in a toxic effect</td>
</tr>
<tr>
<td>TDG</td>
<td>Canadian Transportation of Dangerous Goods</td>
</tr>
<tr>
<td>TDLo</td>
<td>Lowest dose resulting in a toxic effect</td>
</tr>
<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
</tr>
<tr>
<td>TSCA</td>
<td>Toxic Substance Control Act</td>
</tr>
<tr>
<td>TWA</td>
<td>Time-Weighted Average (8 hours)</td>
</tr>
<tr>
<td>UFL</td>
<td>Upper Flammable Limit</td>
</tr>
<tr>
<td>WHMIS</td>
<td>Workplace Hazardous Materials Information System</td>
</tr>
</tbody>
</table>