## Section 1. Identification

<table>
<thead>
<tr>
<th>GHS product identifier</th>
<th>: Flat Out Flat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product code</td>
<td>: Not available.</td>
</tr>
<tr>
<td>Other means of</td>
<td>: Not available.</td>
</tr>
<tr>
<td>identification</td>
<td></td>
</tr>
<tr>
<td>Product type</td>
<td>: Liquid.</td>
</tr>
</tbody>
</table>

**Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** : Not available.

**Manufacturer**

: General Finishes  
2462 Corporate Circle  
East Troy, WI 53120  
U.S.A.  
Phone no.: 262-642-4545  
Toll free no.: 1-800-783-6050  
Fax no.: 262-642-4707  
Web: GeneralFinishes.com

**Emergency telephone number (with hours of operation)**

: CHEMTREC, U.S. : 1-800-424-9300  
International: +1-703-527-3887  
(24/7)

## Section 2. Hazards identification

**OSHA/HCS status**

: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

**Classification of the substance or mixture**

: Not classified.

**GHS label elements**

**Signal word**

: No signal word.

**Hazard statements**

: No known significant effects or critical hazards.

**Precautionary statements**

**Prevention**

: Not applicable.

**Response**

: Not applicable.

**Storage**

: Not applicable.

**Disposal**

: Not applicable.

**Hazards not otherwise classified**

: None known.
Section 3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>%</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane-1,2-diol</td>
<td>≥1 - ≤3</td>
<td>57-55-6</td>
</tr>
<tr>
<td>(2-Methoxymethylethoxy)propanol</td>
<td>≥1 - ≤3</td>
<td>34590-94-8</td>
</tr>
<tr>
<td>Ammonia</td>
<td>&lt;0.25</td>
<td>1336-21-6</td>
</tr>
</tbody>
</table>

United States: The exact percentage (concentration) in the composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.
Canada: The exact percentage (concentration) in the composition has been withheld as a trade secret in accordance with the amended HPR as of April 2018.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4. First aid measures

**Description of necessary first aid measures**

- **Eye contact**: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- **Inhalation**: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
- **Skin contact**: Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.
- **Ingestion**: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed**

- **Potential acute health effects**
  - **Eye contact**: No known significant effects or critical hazards.
  - **Inhalation**: No known significant effects or critical hazards.
  - **Skin contact**: No known significant effects or critical hazards.
  - **Ingestion**: No known significant effects or critical hazards.

- **Over-exposure signs/symptoms**
  - **Eye contact**: No known significant effects or critical hazards.
  - **Inhalation**: No known significant effects or critical hazards.
  - **Skin contact**: No known significant effects or critical hazards.
  - **Ingestion**: No known significant effects or critical hazards.

**Indication of immediate medical attention and special treatment needed, if necessary**

- **Notes to physician**: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- **Specific treatments**: No specific treatment.
- **Protection of first-aiders**: No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)
Section 5. Fire-fighting measures

**Extinguishing media**

**Suitable extinguishing media**: In case of fire, use water spray (fog), foam, dry chemical or CO₂.

**Unsuitable extinguishing media**: None known.

**Specific hazards arising from the chemical**

**Hazardous thermal decomposition products**: In a fire or if heated, a pressure increase will occur and the container may burst.

**Decomposition products may include the following materials:**
- Carbon dioxide
- Carbon monoxide
- Metal oxide/oxides

**Special protective actions for fire-fighters**: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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Section 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

**For emergency responders**: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions**: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and materials for containment and cleaning up**

**Spill**: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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Section 7. Handling and storage

**Precautions for safe handling**

**Protective measures**: Put on appropriate personal protective equipment (see Section 8).

**Advice on general occupational hygiene**: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.
Section 7. Handling and storage

Conditions for safe storage, including any incompatibilities:
Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

United States

Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Exposure limits</th>
</tr>
</thead>
</table>
| Propane-1,2-diol| AIHA WEEL (United States, 10/2011).  
TWA: 10 mg/m³ 8 hours.  
ACGIH TLV (United States, 3/2017). Absorbed through skin.  
TWA: 606 mg/m³ 8 hours.  
STEL: 150 ppm 15 minutes.  
STEL: 909 mg/m³ 15 minutes.  
NIOSH REL (United States, 10/2016). Absorbed through skin.  
TWA: 100 ppm 10 hours.  
TWA: 600 mg/m³ 10 hours.  
STEL: 150 ppm 15 minutes.  
STEL: 900 mg/m³ 15 minutes.  
OSHA PEL (United States, 6/2016). Absorbed through skin.  
TWA: 100 ppm 8 hours.  
TWA: 600 mg/m³ 8 hours. |
8 hrs OEL: 100 ppm 8 hours.  
15 min OEL: 909 mg/m³ 15 minutes.  
8 hrs OEL: 606 mg/m³ 8 hours.  
15 min OEL: 150 ppm 15 minutes.  
CA British Columbia Provincial (Canada, 7/2016). Absorbed through skin.  
TWA: 100 ppm 8 hours.  
STEL: 150 ppm 15 minutes.  
CA Quebec Provincial (Canada, 1/2014). Absorbed through skin.  
TWA EV: 100 ppm 8 hours.  
TWA EV: 606 mg/m³ 8 hours.  
STEV: 150 ppm 15 minutes.  
STEV: 909 mg/m³ 15 minutes.  
CA Ontario Provincial (Canada, 7/2015). Absorbed through skin.  
TWA: 100 ppm 8 hours.  
CA Saskatchewan Provincial (Canada, 7/2013). Absorbed through skin.  
STEL: 150 ppm 15 minutes.  
TWA: 100 ppm 8 hours. |
| Ammonia | None. |

Canada

Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Exposure limits</th>
</tr>
</thead>
</table>
| Propane-1,2-diol| CA Ontario Provincial (Canada, 7/2015).  
TWA: 10 mg/m³ 8 hours. Form: Aerosol only  
TWA: 155 mg/m³ 8 hours. Form: Vapor and aerosol  
TWA: 50 ppm 8 hours. Form: Vapor and aerosol  
8 hrs OEL: 100 ppm 8 hours.  
15 min OEL: 909 mg/m³ 15 minutes.  
8 hrs OEL: 606 mg/m³ 8 hours.  
15 min OEL: 150 ppm 15 minutes.  
CA British Columbia Provincial (Canada, 7/2016). Absorbed through skin.  
TWA: 100 ppm 8 hours.  
STEL: 150 ppm 15 minutes.  
CA Quebec Provincial (Canada, 1/2014). Absorbed through skin.  
TWA EV: 100 ppm 8 hours.  
TWA EV: 606 mg/m³ 8 hours.  
STEV: 150 ppm 15 minutes.  
STEV: 909 mg/m³ 15 minutes.  
CA Ontario Provincial (Canada, 7/2015). Absorbed through skin.  
STEL: 150 ppm 15 minutes.  
TWA: 100 ppm 8 hours.  
CA Saskatchewan Provincial (Canada, 7/2013). Absorbed through skin.  
STEL: 150 ppm 15 minutes.  
TWA: 100 ppm 8 hours. |
| (2-Methoxymethylethoxy)propanol | CA Ontario Provincial (Canada, 7/2015). |

Appropriate engineering controls:
Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Section 8. Exposure controls/personal protection

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

Physical state: Liquid. [Fluid.]
Color: White.
Odor: Not available.
Odor threshold: Not available.
\( \text{pH} \): 8 to 9
Melting point: Not available.
Boiling point: Not available.
Flash point: Not available.
Evaporation rate: Not available.
Flammability (solid, gas): Not available.
Lower and upper explosive (flammable) limits: Not available.
Vapor pressure: Not available.
Vapor density: Not available.
Relative density: 1.03
Solubility: Soluble in water.
Partition coefficient: \( n \)-octanol/water: Not available.
Auto-ignition temperature: Not available.
Section 9. Physical and chemical properties

- **Decomposition temperature**: Not available.
- **Viscosity**: Not available.
- **VOC content**: 210.143 g/L
- **Flow time (ISO 2431)**: Not available.

Section 10. Stability and reactivity

- **Reactivity**: No specific test data related to reactivity available for this product or its ingredients.
- **Chemical stability**: The product is stable.
- **Possibility of hazardous reactions**: Under normal conditions of storage and use, hazardous reactions will not occur.
- **Conditions to avoid**: Do not freeze.
- **Incompatible materials**: Reactive or incompatible with the following materials: oxidizing materials.
- **Hazardous decomposition products**: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

**Information on toxicological effects**

**Acute toxicity**

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane-1,2-diol</td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>20800 mg/kg</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>20 g/kg</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>350 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Ammonia</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>20 g/kg</td>
<td></td>
</tr>
</tbody>
</table>

**Irritation/Corrosion**

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Score</th>
<th>Exposure</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane-1,2-diol</td>
<td>Eyes - Mild irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 500 mg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Eyes - Mild irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>100 mg</td>
<td>-</td>
</tr>
<tr>
<td>(2-Methoxymethylethoxy)propanol</td>
<td>Eyes - Mild irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 500 mg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Skin - Mild irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>500 mg</td>
<td>-</td>
</tr>
<tr>
<td>Ammonia</td>
<td>Eyes - Severe irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>250 µg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Eyes - Severe irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>0.5 minutes 1 mg</td>
<td>-</td>
</tr>
</tbody>
</table>

**Sensitization**

There is no data available.

**Mutagenicity**

There is no data available.

**Carcinogenicity**

There is no data available.

**Reproductive toxicity**

There is no data available.

**Teratogenicity**

There is no data available.

**Specific target organ toxicity (single exposure)**
Section 11. Toxicological information

<table>
<thead>
<tr>
<th>Name</th>
<th>Category</th>
<th>Target organs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ammonia</td>
<td>Category 3</td>
<td>Respiratory tract irritation</td>
</tr>
</tbody>
</table>

**Specific target organ toxicity (repeated exposure)**
- There is no data available.

**Aspiration hazard**
- There is no data available.

**Information on the likely routes of exposure**

**Potential acute health effects**

- **Eye contact**: No known significant effects or critical hazards.
- **Inhalation**: No known significant effects or critical hazards.
- **Skin contact**: No known significant effects or critical hazards.
- **Ingestion**: No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**

- **Eye contact**: No known significant effects or critical hazards.
- **Inhalation**: No known significant effects or critical hazards.
- **Skin contact**: No known significant effects or critical hazards.
- **Ingestion**: No known significant effects or critical hazards.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Short term exposure**

- **Potential immediate effects**: No known significant effects or critical hazards.
- **Potential delayed effects**: No known significant effects or critical hazards.

**Long term exposure**

- **Potential immediate effects**: No known significant effects or critical hazards.
- **Potential delayed effects**: No known significant effects or critical hazards.

**Potential chronic health effects**

- **General**: No known significant effects or critical hazards.
- **Carcinogenicity**: No known significant effects or critical hazards.
- **Mutagenicity**: No known significant effects or critical hazards.
- **Teratogenicity**: No known significant effects or critical hazards.
- **Developmental effects**: No known significant effects or critical hazards.
- **Fertility effects**: No known significant effects or critical hazards.

**Numerical measures of toxicity**

**Acute toxicity estimates**
- There is no data available.
Section 12. Ecological information

**Toxicity**

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane-1,2-diol</td>
<td>Acute EC50 &gt;110 ppm Fresh water</td>
<td>Daphnia - Daphnia magna</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 1020000 µg/L Fresh water</td>
<td>Crustaceans - Ceriodaphnia dubia</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 710000 µg/L Fresh water</td>
<td>Fish - Pimephales promelas</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 37 ppm Fresh water</td>
<td>Fish - Gambusia affinis - Adult</td>
<td>96 hours</td>
</tr>
<tr>
<td>Ammonia</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Persistence and degradability**

There is no data available.

**Bioaccumulative potential**

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>LogPow</th>
<th>BCF</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane-1,2-diol</td>
<td>0.004</td>
<td>-</td>
<td>low</td>
</tr>
<tr>
<td>(2-Methoxymethylethoxy)propanol</td>
<td>-0.07</td>
<td>-</td>
<td>low</td>
</tr>
</tbody>
</table>

**Mobility in soil**

**Soil/water partition coefficient (KOC)**: Not available.

**Other adverse effects**: No known significant effects or critical hazards.

Section 13. Disposal considerations

**Disposal methods**: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

<table>
<thead>
<tr>
<th></th>
<th>DOT Classification</th>
<th>TDG Classification</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UN proper shipping name</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Transport hazard class(es)</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Packing group</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Environmental hazards</strong></td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
</tr>
</tbody>
</table>

**AERG**: Not applicable.
Section 14. Transport information

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

U.S. Federal regulations:

TSCA 8(a) PAIR: Tris(2-Butoxyethyl) phosphate; (2-Methoxymethylenelethoxy)propanol; 1-(2-Butoxy-1-methylethoxy)propan-2-ol; Octamethylcyclotetrasiloxane

United States inventory (TSCA 8b): All components are listed or exempted.

TSCA 8(c) calls for record of SAR: Tris(2-Butoxyethyl) phosphate

Clean Water Act (CWA) 311: Ammonia; Cyclohexane

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs):

Listed

Clean Air Act Section 602 Class I Substances:

Not listed

Clean Air Act Section 602 Class II Substances:

Not listed

DEA List I Chemicals (Precursor Chemicals):

Not listed

DEA List II Chemicals (Essential Chemicals):

Not listed

SARA 302/304

Composition/information on ingredients:

No products were found.

SARA 304 RQ:

Not applicable.

SARA 311/312

Classification:

Not applicable.

Composition/information on ingredients:

<table>
<thead>
<tr>
<th>Name</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane-1,2-diol (2-Methoxymethylethoxy)propanol</td>
<td>SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A</td>
</tr>
<tr>
<td></td>
<td>FLAMMABLE LIQUIDS - Category 4</td>
</tr>
<tr>
<td></td>
<td>SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A</td>
</tr>
</tbody>
</table>

SARA 313

There is no data available.

State regulations:

Massachusetts:

The following components are listed: (2-Methoxymethylenelethoxy)propanol; Silica gel, pptd., cryst.-free

New York:

None of the components are listed.

New Jersey:

The following components are listed: (2-Methoxymethylenelethoxy)propanol; Silica gel, pptd., cryst.-free; Propane-1,2-diol

Pennsylvania:

The following components are listed: (2-Methoxymethylenelethoxy)propanol; Silica gel, pptd., cryst.-free; Propane-1,2-diol

California Prop. 65

Tel : +1-888-GHS-7769 (447-7769) / +1-450-GHS-7767 (447-7767)  
Section 15. Regulatory information

No products were found.

Canada

Canadian lists

Canadian NPRI: None of the components are listed.
CEPA Toxic substances: None of the components are listed.
Canada inventory (DSL NDSL): All components are listed or exempted.

Section 16. Other information

Procedure used to derive the classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not classified.</td>
<td></td>
</tr>
</tbody>
</table>

History

Date of issue mm/dd/yyyy: 05/15/2018
Date of previous issue: 08/15/2016
Version: 2
Prepared by: KMK Regulatory Services Inc.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.