1. Identification

Product identifier | Fire Block Foam Sealant
--- | ---
Other means of identification
Product code | 14084
Recommended use | Fire resistant sealant
Recommended restrictions | None known.

Manufacturer/Importer/Supplier/Distributor information
Manufactured or sold by:
Company name | CRC Industries, Inc.
Address | 885 Louis Dr.
Warminster, PA 18974 US
TelephoneNumber
General Information | 215-674-4300
Technical Assistance | 800-521-3168
Customer Service | 800-272-4620
24-Hour Emergency (CHEMTREC) | 800-424-9300 (US) 703-527-3887 (International)
Website | www.crcindustries.com

2. Hazard(s) identification

Physical hazards
- Flammable aerosols | Category 1
- Gases under pressure | Liquefied gas

Health hazards
- Acute toxicity, inhalation | Category 4
- Skin corrosion/irritation | Category 2
- Serious eye damage/eye irritation | Category 2
- Sensitization, respiratory | Category 1
- Sensitization, skin | Category 1
- Specific target organ toxicity, single exposure | Category 3 respiratory tract irritation
- Specific target organ toxicity, repeated exposure | Category 2

Environmental hazards | Not classified.
OSHA defined hazards | Not classified.

Label elements

Signal word | Danger
Hazard statement | Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure.
Precautionary statement

Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Do not apply while equipment is energized. Pressurized container: Do not pierce or burn, even after use. Extinguish all flames, pilot lights and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Do not breathe mist or vapor. In case of inadequate ventilation wear respiratory protection. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/eye protection/face protection.

Response

If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Call a poison center/doctor if you feel unwell.

Storage

Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Exposure to high temperature may cause can to burst.

Disposal

Dispose of contents/container in accordance with local/regional/national regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Higher oligomers of M.D.I.</td>
<td></td>
<td>9016-87-9</td>
<td>30 - 40</td>
</tr>
<tr>
<td>4,4-Diphenylmethane disocyanate</td>
<td></td>
<td>101-68-8</td>
<td>10 - 20</td>
</tr>
<tr>
<td>Alkenes, C12-24, chloro</td>
<td></td>
<td>68527-02-6</td>
<td>10 - 20</td>
</tr>
<tr>
<td>Dimethyl ether</td>
<td></td>
<td>115-10-6</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Halogenated polyether polyol</td>
<td></td>
<td>86675-46-9</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Tris(2-chloro-1-methylethyl) phosphate</td>
<td></td>
<td>13674-84-5</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Isobutane</td>
<td></td>
<td>75-28-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Propane</td>
<td></td>
<td>74-98-6</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion

In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.

Most important symptoms/effects, acute and delayed

Coughing. Dermatitis. Irritation of nose and throat. Rash. Difficulty in breathing. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.
5. Fire-fighting measures

**Suitable extinguishing media**
- Dry chemical powder. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

**Unsuitable extinguishing media**
- Water. Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**
- Contents under pressure. Pressurized container may explode when exposed to heat or flame.

**Special protective equipment and precautions for firefighters**
- Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**Fire-fighting equipment/instructions**
- In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.

**General fire hazards**
- Extremely flammable aerosol.

6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
- Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up**
- Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements or confined areas. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

**Environmental precautions**
- Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

**Precautions for safe handling**
- Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. For product usage instructions, please see the product label.

**Conditions for safe storage, including any incompatibilities**
- Level 3 Aerosol. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

**Occupational exposure limits**

<table>
<thead>
<tr>
<th>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</th>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4,4-Diphenylmethane diisocyanate (M.D.I.) (CAS 101-68-8)</td>
<td>Ceiling</td>
<td>0.2 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Higher oligomers of M.D.I. (CAS 9016-87-9)</td>
<td>Ceiling</td>
<td>0.02 ppm</td>
</tr>
<tr>
<td></td>
<td>Propane (CAS 74-98-6)</td>
<td>PEL</td>
<td>1800 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

Material name: Fire Block Foam Sealant

2629  Version #: 01  Issue date: 08-01-2014
### US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,4-Diphenylmethane diisocyanate (M.D.I.) (CAS 101-68-8)</td>
<td>TWA</td>
<td>0.005 ppm</td>
</tr>
<tr>
<td>Higher oligomers of M.D.I. (CAS 9016-87-9)</td>
<td>TWA</td>
<td>0.005 ppm</td>
</tr>
<tr>
<td>Isobutane (CAS 75-28-5)</td>
<td>STEL</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

### US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,4-Diphenylmethane diisocyanate (M.D.I.) (CAS 101-68-8)</td>
<td>Ceiling</td>
<td>0.2 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.02 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.05 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.005 ppm</td>
</tr>
<tr>
<td>Higher oligomers of M.D.I. (CAS 9016-87-9)</td>
<td>Ceiling</td>
<td>0.2 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.02 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.05 mg/m³</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>0.005 ppm</td>
</tr>
<tr>
<td>Isobutane (CAS 75-28-5)</td>
<td>TWA</td>
<td>1900 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>800 ppm</td>
</tr>
<tr>
<td>Propane (CAS 74-98-6)</td>
<td>TWA</td>
<td>1800 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

### US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethyl ether (CAS 115-10-6)</td>
<td>TWA</td>
<td>1880 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

#### Biological limit values

No biological exposure limits noted for the ingredient(s).

#### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection**

Wear safety glasses with side shields (or goggles).

**Skin protection**

**Hand protection**

Wear protective gloves such as: Nitrile. Neoprene.

**Other**

Wear appropriate chemical resistant clothing.

**Respiratory protection**

If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

### 9. Physical and chemical properties

#### Appearance

**Physical state**

Liquid.

**Form**

Aerosol.

**Color**

Amber.

**Odor**

Slight petroleum.
Odor threshold: Not available.

pH: Not available.

Melting point/freezing point: 98.6 °F (37 °C) estimated

Initial boiling point and boiling range: Not available.

Flash point: > 200 °F (> 93.3 °C) Tag Closed Cup

Evaporation rate: Not available.

Flammability (solid, gas): Not available.

Upper/lower flammability or explosive limits:
Flammability limit - lower (%): Not available.
Flammability limit - upper (%): Not available.

Vapor pressure: 781.3 hPa estimated

Vapor density: Not available.

Relative density: 1.01

Solubility (water): Not available.

Partition coefficient (n-octanol/water): Not available.

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

Viscosity (kinematic): Not available.

Percent volatile: 45.5 % estimated

10. Stability and reactivity

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability: Material is stable under normal conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Heat, flames and sparks. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials: Alcohols.


11. Toxicological information

Information on likely routes of exposure:

Ingestion: Expected to be a low ingestion hazard.

Inhalation: Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin contact: Causes skin irritation. May cause an allergic skin reaction.

Eye contact: Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics:
Coughing. Dermatitis. Irritation of nose and throat. Rash. Difficulty in breathing. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. May cause respiratory irritation.

Information on toxicological effects:

Acute toxicity: Harmful if inhaled. May cause an allergic skin reaction. May cause respiratory irritation.

Product | Species | Test Results
--- | --- | ---
Fire Block Foam Sealant | Acute
Dermal
LD50 | Rabbit | 13333.333 mg/kg estimated
Test Results

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>4146.9194 mg/kg estimated</td>
</tr>
</tbody>
</table>

* Estimates for product may be based on additional component data not shown.

<table>
<thead>
<tr>
<th>Toxicity Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>May cause allergy or asthma symptoms or breathing difficulties if inhaled.</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>May cause an allergic skin reaction.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.</td>
</tr>
</tbody>
</table>

**IARC Monographs. Overall Evaluation of Carcinogenicity**

- 4,4-Diphenylmethane diisocyanate (M.D.I.) (CAS 101-68-8): 3 Not classifiable as to carcinogenicity to humans.
- Higher oligomers of M.D.I. (CAS 9016-87-9): 3 Not classifiable as to carcinogenicity to humans.

<table>
<thead>
<tr>
<th>Reproductive toxicity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific target organ toxicity - single exposure</td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td>Specific target organ toxicity - repeated exposure</td>
<td>May cause damage to organs through prolonged or repeated exposure.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not likely, due to the form of the product.</td>
</tr>
<tr>
<td>Chronic effects</td>
<td>Prolonged inhalation may be harmful. May cause damage to organs through prolonged or repeated exposure.</td>
</tr>
</tbody>
</table>

12. Ecological information

<table>
<thead>
<tr>
<th>Ecotoxicity</th>
<th>The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Not available.</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Not available.</td>
</tr>
<tr>
<td>Partition coefficient n-octanol / water (log Kow)</td>
<td></td>
</tr>
<tr>
<td>Dimethyl ether</td>
<td>0.1</td>
</tr>
<tr>
<td>Isobutane</td>
<td>2.76</td>
</tr>
<tr>
<td>Propane</td>
<td>2.36</td>
</tr>
<tr>
<td>Mobility in soil</td>
<td>No data available.</td>
</tr>
<tr>
<td>Other adverse effects</td>
<td>No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.</td>
</tr>
</tbody>
</table>

13. Disposal considerations

<table>
<thead>
<tr>
<th>Disposal of waste from residues / unused products</th>
<th>This product is not a RCRA hazardous waste (See 40 CFR Part 261.20 – 261.33). Empty containers may be recycled. Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush. Dispose in accordance with all applicable regulations.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous waste code</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Contaminated packaging</td>
<td>Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.</td>
</tr>
</tbody>
</table>

14. Transport information

<table>
<thead>
<tr>
<th>DOT</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UN number</td>
<td>UN1950</td>
</tr>
<tr>
<td>UN proper shipping name</td>
<td>Aerosols, flammable, Limited Quantity</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td></td>
</tr>
<tr>
<td>Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Subsidiary risk</td>
<td>-</td>
</tr>
<tr>
<td>Label(s)</td>
<td>2.1</td>
</tr>
<tr>
<td>Packing group</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>Not available.</td>
</tr>
</tbody>
</table>
Special provisions
Packaging exceptions
Packaging non bulk
Packaging bulk

IATA
UN number
UN proper shipping name
Transport hazard class(es)
Class
Subsidiary risk
Packing group
Environmental hazards
ERG Code
Special precautions for user

Other information
Passenger and cargo aircraft
Cargo aircraft only

IMDG
UN number
UN proper shipping name
Transport hazard class(es)
Class
Subsidiary risk
Packing group
Environmental hazards
Marine pollutant
EmS
Special precautions for user

15. Regulatory information
US federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
One or more components are not listed on TSCA.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Alkenes, C12-24, chloro (CAS 68527-02-6) 1.0 % One-Time Export Notification only.

SARA 304 Emergency release notification
Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance
4,4-Diphenylmethane diisocyanate (M.D.I.) (CAS 101-68-8)
Higher oligomers of M.D.I. (CAS 9016-87-9)

CERCLA Hazardous Substance List (40 CFR 302.4)
4,4-Diphenylmethane diisocyanate (M.D.I.) (CAS 101-68-8)
Higher oligomers of M.D.I. (CAS 9016-87-9)
Isobutane (CAS 75-28-5)

CERCLA Hazardous Substances: Reportable quantity
4,4-Diphenylmethane diisocyanate (M.D.I.) (CAS 101-68-8) 5000 LBS
Higher oligomers of M.D.I. (CAS 9016-87-9) 5000 LBS
Isobutane (CAS 75-28-5) 100 LBS

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
4,4-Diphenylmethane diisocyanate (M.D.I.) (CAS 101-68-8)
Higher oligomers of M.D.I. (CAS 9016-87-9)
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Dimethyl ether (CAS 115-10-6)
Isobutane (CAS 75-28-5)
Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA) Not regulated.
Food and Drug Administration (FDA) Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Section 311/312 Immediate Hazard - Yes
Hazard categories Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - Yes
Reactivity Hazard - No
SARA 302 Extremely hazardous substance No

US state regulations
US. New Jersey Worker and Community Right-to-Know Act
4,4-Diphenylmethane diisocyanate (M.D.I.) (CAS 101-68-8)
Dimethyl ether (CAS 115-10-6)
Higher oligomers of M.D.I. (CAS 9016-87-9)
Isobutane (CAS 75-28-5)
Propane (CAS 74-98-6)

US. Massachusetts RTK - Substance List
4,4-Diphenylmethane diisocyanate (M.D.I.) (CAS 101-68-8)
Dimethyl ether (CAS 115-10-6)
Higher oligomers of M.D.I. (CAS 9016-87-9)
Isobutane (CAS 75-28-5)
Propane (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-to-Know Law
4,4-Diphenylmethane diisocyanate (M.D.I.) (CAS 101-68-8)
Higher oligomers of M.D.I. (CAS 9016-87-9)
Dimethyl ether (CAS 115-10-6)
Isobutane (CAS 75-28-5)
Propane (CAS 74-98-6)

US. Rhode Island RTK
4,4-Diphenylmethane diisocyanate (M.D.I.) (CAS 101-68-8)
Dimethyl ether (CAS 115-10-6)
Higher oligomers of M.D.I. (CAS 9016-87-9)
Isobutane (CAS 75-28-5)
Propane (CAS 74-98-6)

US. California Proposition 65
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

Volatile organic compounds (VOC) regulations
EPA
VOC content (40 CFR 51.100(s)) 16.3 %
Consumer products (40 CFR 59, Subpt. C) Not regulated

State
Consumer products Not regulated
VOC content (CA) 16.3 %
VOC content (OTC) 16.3 %

International Inventories
Country(s) or region Inventory name On inventory (yes/no)*
Australia Australian Inventory of Chemical Substances (AICS) No
Canada Domestic Substances List (DSL) Yes
<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
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<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>No</td>
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<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
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<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
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<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
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<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
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<td>New Zealand</td>
<td>New Zealand Inventory</td>
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<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>No</td>
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<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
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*A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

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<td>Prepared by</td>
<td>Allison Cho</td>
</tr>
<tr>
<td>Version #</td>
<td>01</td>
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| HMIS® ratings       | Health: 2*  
                      Flammability: 4  
                      Physical hazard: 1  
                      Personal protection: B |
| NFPA ratings        | Health: 2   
                      Flammability: 4   
                      Instability: 1    |

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