Continental ContiTech Flexible Window Cleaning System – 3 Preserve
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 02/02/2020
Revision date: 7/13/2021

**SECTION 1: Identification**

1.1. Identification

<table>
<thead>
<tr>
<th>Product form</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>Continental ContiTech Flexible Window Cleaning System – 3 Preserve</td>
</tr>
<tr>
<td>Product code</td>
<td>4OZ, 16OZ, Gal</td>
</tr>
</tbody>
</table>

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

O’Sullivan Films, Inc.
1944 Valley Avenue
Winchester, VA 22601
(USA)
Phone 540-667-6666

1.4. Emergency telephone number

Emergency number: 800-424-9300

**SECTION 2: Hazard(s) identification**

2.1. Classification of the substance or mixture

<table>
<thead>
<tr>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquids H27</td>
</tr>
</tbody>
</table>

Combustible liquid Category 4

Full text of H statements: see section 16

2.2. GHS Label elements, including precautionary statements

<table>
<thead>
<tr>
<th>GHS-US labeling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal word (GHS-US)</td>
</tr>
<tr>
<td>Hazard statements (GHS-US)</td>
</tr>
<tr>
<td>Precautionary statements (GHS-US)</td>
</tr>
</tbody>
</table>

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

**SECTION 3: Composition/Information on ingredients**

3.1. Substances

Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>solvent naphtha (petroleum) heavy aliph. (CAS No)</td>
<td>64742-96-7</td>
<td>7 - 9</td>
<td>Asp. Tox. 1, H304</td>
</tr>
<tr>
<td>hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (CAS No)</td>
<td>64742-47-8</td>
<td>5 - 7</td>
<td>Flam. Liq. 4, H227 Asp. Tox. 1, H304</td>
</tr>
</tbody>
</table>

Full text of hazard classes and H-statements: see section 16

**SECTION 4: First-aid measures**

4.1. Description of first aid measures

<table>
<thead>
<tr>
<th>Measure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>First-aid measures general</td>
<td>Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).</td>
</tr>
<tr>
<td>First-aid measures after inhalation</td>
<td>Allow victim to breathe fresh air. Allow the victim to rest.</td>
</tr>
</tbody>
</table>
4.2. Most important symptoms and effects (acute and delayed)
Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met.
Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Immediate medical attention and special treatment, if necessary
No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media
Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical
Fire hazard: Combustible liquid. Flammable liquid and vapor.
Explosion hazard: May form flammable/explosive vapor-air mixture.

5.3. Special protective equipment and precautions for fire-fighters
Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
General measures: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

6.1.1. For non-emergency personnel
Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment: Equip cleanup crew with proper protection.
Emergency procedures: Ventilate area.

6.2. Environmental precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections
See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Additional hazards when processed: Handle empty containers with care because residual vapors are flammable.
Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof Provide local exhaust or general room ventilation equipment.
Storage conditions: Keep only in the original container in a cool, well ventilated place away from: Store in a well-ventilated place. Keep container tightly closed.
Incompatible products: Strong bases. Strong acids.
SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Incompatible materials</th>
<th>Sources of ignition. Direct sunlight. Heat sources.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-47-8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>solvent naphtha (petroleum) heavy aliph. (64742-96-7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
</tr>
</tbody>
</table>

8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures/Personal protective equipment

**Personal protective equipment:**

Avoid all unnecessary exposure.

**Hand protection:**

Wear protective gloves

**Eye protection:**

Chemical goggles or safety glasses

**Respiratory protection:**

Wear appropriate mask

**Other information:**

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Creamy white.</td>
</tr>
<tr>
<td>Color</td>
<td>Creamy white</td>
</tr>
<tr>
<td>Odor</td>
<td>Sweet</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>7 - 8</td>
</tr>
<tr>
<td>Melting point</td>
<td>No Data</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>370 - 550 °F @ 760 mmHg</td>
</tr>
<tr>
<td>Flash point</td>
<td>140 °F</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>&lt; 1 mm Hg</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.91 @ 60.0 F</td>
</tr>
<tr>
<td>Solubility</td>
<td>Water: &lt; 0.01</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>420 °F</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>&gt;= 80 cP</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>
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9.2. Other information

No additional information available

**SECTION 10: Stability and reactivity**

10.1. Reactivity

No additional information available

10.2. Chemical stability

Flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid


10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products


**SECTION 11: Toxicological information**

11.1. Information on toxicological effects

Acute toxicity: Not classified

<table>
<thead>
<tr>
<th>hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-47-8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 dermal rabbit</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Not classified

pH: 7 - 8

Serious eye damage/irritation: Not classified

pH: 7 - 8

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity – single exposure: Not classified

Specific target organ toxicity – repeated exposure: Not classified

Aspiration hazard: Not classified

Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

**SECTION 12: Ecological information**

12.1. Toxicity

<table>
<thead>
<tr>
<th>hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-47-8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 fish 1</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
</tr>
<tr>
<td>Threshold limit algae 1</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

Continental Flexible Window Cleaning System – 3 Preserve

Persistence and degradability: Not established.
### Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)

| Persistence and degradability | Readily biodegradable in water. Adsorbs into the soil. |

### Bioaccumulative potential

**Continental Flexible Window Cleaning System – 3 Preserve**

<table>
<thead>
<tr>
<th>Bioaccumulative potential</th>
<th>Not established.</th>
</tr>
</thead>
</table>

**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)**

<table>
<thead>
<tr>
<th>Log Pow</th>
<th>6 - 8.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioaccumulative potential</td>
<td>High potential for bioaccumulation (Log Kow &gt; 5).</td>
</tr>
</tbody>
</table>

### Mobility in soil

**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)**

| Surface tension | 0.026 N/m (20 °C) |

### Other adverse effects

**Effect on the global warming**

- No known effects from this product.

**GWPmix comment**

- No known effects from this product.

**Other information**

- Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

- **Product/Packaging disposal recommendations**: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to...

- **Additional information**: Handle empty containers with care because residual vapors are flammable.

- **Ecology - waste materials**: Avoid release to the environment.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

- **In accordance with DOT**

- **Transport document description**: UN1993 Flammable liquids, n.o.s. (HYDROCARBONS) LIMITED QUANTITIES UP TO 5 LITERS, 3, III

- **UN-No.(DOT)**: UN1993

- **Proper Shipping Name (DOT)**: Flammable liquids, n.o.s. (HYDROCARBONS) LIMITED QUANTITIES UP TO 5 LITERS

- **Class (DOT)**: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

- **Packing group (DOT)**: III - Minor Danger

- **Hazard labels (DOT)**: 3 - Flammable liquid

- **DOT Packaging Non Bulk (49 CFR 173.xxx)**: 203

- **DOT Packaging Bulk (49 CFR 173.xxx)**: 242

- **DOT Symbols**: G - Identifies PSN requiring a technical name
DOT Special Provisions (49 CFR 172.102): B1 - If the material has a flash point at or above 38 °C (100 °F) and below 93 °C (200 °F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 °C (100 °F), then the bulk packaging requirements of 173.242 of this subchapter are applicable. B52: Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks. IB3: Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 °C (1.1 bar at 122 °F), or 130 kPa at 55 °C (1.3 bar at 131 °F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).

TP1: The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP29: A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx): 150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27): 60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75): 220 L
DOT Vessel Stowage Location: A - The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel.

Other information: MARPOL III STATUS: NOT A DOT "MARINE POLLUTANT" PER 49 CFR 171.8.3 NOTE: THE INFORMATION PROVIDED IN SECTION 14 IS BASED ON THE RULES AND REGULATIONS GOVERNING THE SHIPMENT OF NON-BULK CONTAINERS AND MAY NOT APPLY WHEN USING BULK PACKAGING TO SHIP THIS MATERIAL.

TDG

Transport by sea
Transport document description (IMDG): UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III
UN-No. (IMDG): 1993
Proper Shipping Name (IMDG): FLAMMABLE LIQUID, N.O.S.
Class (IMDG): 3 - Flammable liquids
Packing group (IMDG): III - substances presenting low danger
Limited quantities (IMDG): 5 L

Air transport
Transport document description (IATA): UN 1993 Flammable liquid, n.o.s., 3, III
UN-No.(IATA): 1993
Proper Shipping Name (IATA): Flammable liquid, n.o.s.
Class (IATA): 3 - Flammable Liquids
Packing group (IATA): III - Minor Danger

SECTION 15: Regulatory information

15.1. US Federal regulations
Continental ContiTech Flexible Window Cleaning System – 3 Preserve
Not listed on the United States TSCA (Toxic Substances Control Act) inventory

hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

solvent naphtha (petroleum) heavy aliph. (64742-96-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
15.2. International regulations

CANADA

- **hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)**
  - Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations
No additional information available

National regulations
No additional information available

15.3. US State regulations
No additional information available

SECTION 16: Other information

Revision date : 09/02/2020
Other information : None.

Full text of H-phrases:

<table>
<thead>
<tr>
<th>H227</th>
<th>Combustible liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways</td>
</tr>
</tbody>
</table>

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*