SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier
Chemical Name: Not applicable.
CAS No.: Mixture
Trade Name: DuPont™ Non-Stick Dry Film Lubricant with Teflon® fluoropolymer - Aerosol
Product Code: None

Relevant identified uses of the substance or mixture and uses advised against
Identified Use(s): Lubricant
Uses Advised Against: None

Company Identification
Finish Line Technologies, Inc.
50 Wireless Blvd.
Hauppauge, NY 11788

Telephone: (631) 666-7300
E-Mail (competent person): SDSinfo@finishlineusa.com

Emergency telephone number
Medical Emergency: PROSAR 24 hr: 1-800-217-5157 / 1-651-523-0304
Transportation Emergency: CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture
OSHA HCS (29 CFR 1910.1200)
Flam. Aerosol 1; Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; Asp. Tox. 1

Label elements
Hazard Symbol

Signal Word(s)
DANGER

Hazard Statement(s)
Extremely flammable aerosol.
Pressurized container: May burst if heated.
May be fatal if swallowed and enters airways.
Causes serious eye irritation.
Causes skin irritation.
May cause drowsiness or dizziness.

Precautionary Statement(s)
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.
Avoid breathing spray.
Wash hands and exposed skin thoroughly after handling:
**DuPont™ Non-Stick Dry Film Lubricant with Teflon® Fluoropolymer Aerosol**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
Use only outdoors or in a well-ventilated area.
Keep out of reach of children.

**Other hazards** None

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Hazardous Ingredient(s)</th>
<th>% wt.</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol</td>
<td>40 - 50</td>
<td>64-67-0</td>
</tr>
<tr>
<td>Heptane, branched, cyclic and linear</td>
<td>20 - 30</td>
<td>426260-76-6</td>
</tr>
<tr>
<td>Propane</td>
<td>5 - 15</td>
<td>74-98-6</td>
</tr>
<tr>
<td>n-Butane</td>
<td>5 - 15</td>
<td>106-97-8</td>
</tr>
</tbody>
</table>

**Additional Information** - None

**SECTION 4: FIRST AID MEASURES**

**Description of first aid measures**

**Inhalation**
Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.

**Skin Contact**
Wash affected skin with soap and water. If irritation (redness, rash, blistering) develops, get medical attention. Take off contaminated clothing and wash it before reuse.

**Eye Contact**
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

**Ingestion**
Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**
May be fatal if swallowed and enters airways.

**Indication of any immediate medical attention and special treatment needed**
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

**SECTION 5: FIRE-FIGHTING MEASURES**

**Extinguishing Media**
-Suitable Extinguishing Media
Extinguish with carbon dioxide, dry chemical, foam or water spray.

Revision: April 15, 2015
SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Wear protective gloves/eye protection. Avoid breathing spray. Use product in a well-ventilated area only.

Environmental precautions
Prevent liquid entering sewers, basements and workpits.

Methods and material for containment and cleaning up
Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

Reference to other sections
None

Additional Information
None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling
Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Do not spray on an open flame or other ignition source. Avoid contact with skin and eyes. Use product in a well-ventilated area only. Avoid breathing spray.

Conditions for safe storage, including any incompatibilities
-Storage temperature
Keep out of reach of children. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Keep in a cool, well ventilated place. Keep container tightly closed.

-Incompatible materials
This product should be stored away from sources of strong heat or oxidising chemicals.

Specific end use(s)
Lubricant

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS No.</th>
<th>(8hr TWA)</th>
<th>STEL</th>
<th>Note:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>PEL (OSHA)</td>
<td>TLV (ACGIH)</td>
<td>PEL (OSHA)</td>
</tr>
<tr>
<td>Heptane, branched, cyclic and linear</td>
<td>426260-76-6</td>
<td>500 ppm</td>
<td>1500 mg/m³</td>
<td>-----</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>400 ppm</td>
<td>200 ppm</td>
<td>-----</td>
</tr>
<tr>
<td>n-Butane</td>
<td>106-97-8</td>
<td>-----</td>
<td>250 ppm</td>
<td>-----</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1000 ppm</td>
<td>Aspyx.²</td>
<td>-----</td>
</tr>
</tbody>
</table>

*Assure minimum oxygen content of work atmosphere.

Recommended monitoring method
NIOSH 1500 (hydrocarbons, B.P. 36 - 216 °C); NIOSH 1400 (Alcohols I)

Exposure controls
**DuPont™ Non-Stick Dry Film Lubricant with Teflon® Fluoropolymer Aerosol**

**Appropriate engineering controls**
Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

**Personal protection equipment**

<table>
<thead>
<tr>
<th>Protection Type</th>
<th>Required Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye/face protection</td>
<td>Wear protective eyewear (goggles, face shield, or safety glasses).</td>
</tr>
</tbody>
</table>
| Skin protection (Hand protection/ Other) | Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber).  
                                          | Check with protective equipment manufacturer's data.                                  |
| Respiratory protection              | In case of insufficient ventilation, wear suitable respiratory equipment.                
                                          | Check with protective equipment manufacturer's data.                                  |
| Thermal hazards                    | Not normally required.                                                                |

**Environmental Exposure Controls**
Avoid release to the environment.

---

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Information on basic physical and chemical properties</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Aerosol spray</td>
</tr>
<tr>
<td>Color</td>
<td>White (Translucent)</td>
</tr>
<tr>
<td>Odor</td>
<td>Petroleum spirit</td>
</tr>
<tr>
<td>Odor Threshold (ppm)</td>
<td>Not available</td>
</tr>
<tr>
<td>pH (Value)</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point (°C) / Freezing Point (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point/boiling range (°C):</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>-104 (Propane)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Highly flammable</td>
</tr>
<tr>
<td>Explosive Limit Ranges</td>
<td>2.1% - 9.5% v/v (Propane)</td>
</tr>
<tr>
<td>Vapour pressure (Pascal)</td>
<td>ca 95 x 10¹ (Propane)</td>
</tr>
<tr>
<td>Vapour Density (Air=1)</td>
<td>ca 1.56 @ 0°C (Propane)</td>
</tr>
<tr>
<td>Density (g/ml)</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (Water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (Other)</td>
<td>Not available</td>
</tr>
<tr>
<td>Partition Coefficient (n-Octanol/water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto Ignition Point (°C)</td>
<td>450 (Propane)</td>
</tr>
<tr>
<td>Decomposition Temperature (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Kinematic Viscosity (cSt)</td>
<td>&lt;20 @ 40 °C</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive,</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not oxidizing.</td>
</tr>
<tr>
<td>Other information</td>
<td>Not available</td>
</tr>
</tbody>
</table>
SECTION 10: STABILITY AND REACTIVITY

Reactivity
Chemical stability
Possibility of hazardous reactions
Conditions to avoid
Incompatible materials
Hazardous decomposition product(s)

Stable under normal conditions.
Stable.
None anticipated.
Avoid contact with heat and ignition sources.
Strong oxidising agents
Carbon monoxide, Carbon dioxide, Acrid smoke, Other

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact
Toxicity - Substances in preparations / mixtures

Information on toxicological effects

Isopropanol (CAS# 67-63-0):

Acute toxicity
Oral: LD50 = 5.84 g/kg (rat)
Inhalation: LC50 > 1000 ppm (rat) 6 hour(s)
Dermal: LD50 = 16.4 ml/kg (rabbit) 24 hour(s)
May cause drowsiness or dizziness.

Irritation/Corrosivity
Irritating to eyes.

Sensitization
It is not a skin sensitizer.

Repeated dose toxicity
NOAEL = 5,000 ppm (Inhalation)
May cause drowsiness or dizziness.

Carcinogenicity
It is unlikely to present a carcinogenic hazard to man.

<table>
<thead>
<tr>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>NIOSH</th>
</tr>
</thead>
</table>

Mutagenicity
There is no evidence of mutagenic potential.

Reproductive toxicity
Not available

Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:

Acute toxicity
Oral: LD50 > 5 g/kg-bw
Dermal: LD50 > 2 g/kg-bw
Inhalation: LC50 = 65 - 103 mg/L (Vapor), 4-hr. rat
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.

Irritation/Corrosivity
Causes skin irritation. Repeated exposure may cause skin dryness or cracking. May cause eye irritation.

Sensitization
It is not a skin sensitizer.

Repeated dose toxicity
NOAEC: 12350 mg/m3 (2 yr, inhal., rat, Systemic effects)
LOAEC: 1650 mg/m3 (2 hr, inhal., rat, CNS effects)
May cause drowsiness or dizziness.

Carcinogenicity
No data. It is unlikely to present a carcinogenic hazard to man.

<table>
<thead>
<tr>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>NIOSH</th>
</tr>
</thead>
</table>

Mutagenicity
There is no evidence of mutagenic potential.

Toxicity for reproduction
No information available
SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Isopropanol (CAS# 67-63-0):

- **Short term**
  - LC50 (96 hour): 10,000 mg/l (Fathead minnow (Pimephales promelas))
  - LC50 24hour(s): >10,000 mg/l (*Daphnia magna*)

- **Long Term**
  - NOEC: 3.37 µmol/l (*Daphnia magna*) (Growth rate)

**Persistence and degradability**
Not available.

**Bioaccumulative potential**
Not available.

**Mobility in soil**
Not available.

**Results of PBT and vPvB assessment**
Not classified as PBT or vPvB.

**Other adverse effects**
None known.

Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:

- **Short term**
  - LL50 (96 hour): >13.4 mg/L (*Onchorhynchus mykiss*)
  - EL50 (48 hour): 3 mg/l (*Daphnia magna*, mobility)
  - EC50 (96 hour): 13 mg/l (*Pseudokirchnerella subcapitata*)

- **Long Term**
  - NOELR (28 days) 1.5 mg/l (*Fish*) QSAR
  - LOEC (21 days): 0.32 mg/l (*Daphnia magna*)
  - NOEL (96 hour) 6.3 mg/l (*Algae*)

**Persistence and degradability**
Not available.

**Bioaccumulative potential**
Not available.

**Mobility in soil**
Not available.

**Results of PBT and vPvB assessment**
Not classified as PBT or vPvB.

**Other adverse effects**
None known.

SECTION 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods**
Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>Land transport (U.S. DOT)</th>
<th>Sea transport (IMDG)</th>
<th>Air transport (ICAO/IATA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN number</td>
<td>1950</td>
<td>1950</td>
</tr>
<tr>
<td>Proper Shipping Name</td>
<td>Aerosols, flammable</td>
<td>Aerosols, flammable</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>2.1</td>
<td>2.1</td>
</tr>
<tr>
<td>Packing group</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>No.</td>
<td>No.</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>None assigned</td>
<td>None assigned</td>
</tr>
</tbody>
</table>

*Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable*

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

**TSCA (Toxic Substance Control Act)** - Inventory Status: All components listed or polymer exempt.

**TSCA 12(b) Export Notification**: CAS 9002-84-0 Polytetrafluoroethylene

**Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):**
Chemical Name | CAS No. | Typical %wt. | RQ (Pounds)
--- | --- | --- | ---
None | ---- | ---- | ----

SARA 311/312 - Hazard Categories:
- Fire
- Sudden Release
- Reactivity
- Immediate (acute)
- Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>42</td>
</tr>
</tbody>
</table>

SARA 302 - Extremely Hazardous Substances (40 CFR 355):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
<th>TPQ (pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

California Proposition 65 List:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Type of Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.
Date of preparation: March 26, 2015

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