



# DuPont™ Non-Stick Dry Film Lubricant with Teflon® Fluoropolymer Liquid

## SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product identifier**

Chemical Name	Not applicable.
CAS No.	Mixture
Trade Name	DuPont™ Non-Stick Dry Film with Teflon® Fluoropolymer - Liquid
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
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Telephone	(631) 666-7300
E-Mail (competent person)	<a href="mailto:SDSinfo@finishlineusa.com">SDSinfo@finishlineusa.com</a>

**Emergency telephone number**

Emergency Phone No.	<b>Medical Emergency:</b> PROSAR 24 hr: 1-800-217-5157 / 1-651-523-0304
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**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. Liq. 2; Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; Asp. Tox. 1
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**Label elements**

Hazard Symbol



**DANGER**

Signal Word(s)

Hazard Statement(s)

Highly flammable liquid and vapour.  
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. Keep container tightly closed.  
Wash hands and exposed skin after use.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

**Other hazards**

Keep out of reach of children.  
None



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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt.	CAS No.
Isopropanol	55 - 65	64-67-0
Heptane, branched, cyclic and linear	25 - 35	426260-76-6

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.
-Unsuitable Extinguishing Media	Do not use water jet.

### Special hazards arising from the substance or mixture

Highly flammable vapor (flash point below 23°C).

### Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Take precautionary measures against static discharges. Avoid contact with skin and eyes. Avoid breathing vapours.

### Environmental precautions

Prevent liquid entering sewers, basements and workpits.



# DuPont™ Non-Stick Dry Film Lubricant with Teflon® Fluoropolymer Liquid

**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. Ground/bond container and receiving equipment. Use only non-sparking tools. Use explosion-proof electrical / ventilating / lighting / equipment. Avoid contact with skin and eyes. Use product in a well-ventilated area only. Avoid breathing vapours.

**Conditions for safe storage, including any incompatibilities**

-Storage temperature Keep out of reach of children. 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

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Heptane, branched, cyclic and linear	426260-76-6	500 ppm*	1500 mg/m <sup>3</sup>	-----	-----	*n-heptane
Isopropanol	67-63-0	400 ppm	200 ppm	-----	400 ppm	-----

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

### Exposure controls

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

### Personal protection equipment

Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

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.



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Thermal hazards

Not normally required.

**Environmental Exposure Controls**

Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance	Liquid
Color.	White (Translucent)
Odor	Petroleum spirit
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	94 - 98 (201 - 208 °F)
Flash Point (°C)	-8 (18 °F)
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Explosive Limit Ranges	Not available
Vapour pressure (Pascal)	Not available
Vapour Density (Air=1)	Not available
Density (g/ml)	Not available
Solubility (Water)	Insoluble
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	<20 @ 40 °C
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
<b>Other information</b>	Not available

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable under normal conditions.
<b>Chemical stability</b>	Stable.
<b>Possibility of hazardous reactions</b>	None anticipated.
<b>Conditions to avoid</b>	Avoid contact with heat and ignition sources.
<b>Incompatible materials</b>	Strong oxidising agents
<b>Hazardous decomposition product(s)</b>	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.



# DuPont™ Non-Stick Dry Film Lubricant with Teflon® Fluoropolymer Liquid

**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.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

**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.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

**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 ( <i>Pimephales promelas</i> )) LC50 24hour(s): >10,000 mg/l ( <i>Daphnia magna</i> )
Long Term	NOEC: 3.37 µmol/l ( <i>Daphnia magna</i> ) (Growth rate)
<b>Persistence and degradability</b>	Not available.
<b>Bioaccumulative potential</b>	Not available.
<b>Mobility in soil</b>	Not available.
<b>Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>Other adverse effects</b>	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 ( <i>Oncorhynchus mykiss</i> ) EL50 (48 hour): 3 mg/l ( <i>Daphnia magna</i> , mobility) EC50 (96 hour): 13 mg/l ( <i>Pseudokirchnerella subcapitata</i> )
Long Term	NOELR (28 days) 1.5 mg/l ( <i>Fish</i> ) QSAR LOEC (21 days): 0.32 mg/l ( <i>Daphnia magna</i> ) NOEL (96 hour) 6.3 mg/l ( <i>Algae</i> )





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## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

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