



# DuPont™ Penetrant with Teflon™ fluoropolymer - Aerosol

## 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™ Penetrant 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)	<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 <b>Transportation Emergency:</b> 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 2; Eye Irrit. 2; Skin Irrit. 2; STOT SE 3; Asp. Tox. 1

**Label elements**

Hazard Symbol



**DANGER**

Signal word(s)

Hazard Statement(s)

Flammable aerosol.  
Pressurised 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, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Do not spray on an open flame or other ignition source.  
Do not pierce or burn, even after use.  
Wash hands and exposed skin thoroughly after handling:  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.  
Avoid breathing spray.  
Use only outdoors or in a well-ventilated area.



# DuPont™ Penetrant with Teflon™ fluoropolymer - Aerosol

Keep out of reach of children.

Other hazards

None

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt.	CAS No.
Distillates (petroleum) hydrotreated light	70 - 80	64742-47-8
Distillates (petroleum), hydrotreated heavy naphthenic	5 - 10	64742-52-5
Additives	~ 1	Trade Secret
Carbon dioxide	1 - 5	124-38-9

**Additional Information** - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.:

- Dipropylene glycol monomethyl ether (CAS No. 34590-94-8); 5 - 10%

## 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

Combustible but not readily ignited.

### 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.



# DuPont™ Penetrant with Teflon™ fluoropolymer - Aerosol

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves/eye protection. Avoid contact with skin and eyes. Avoid breathing spray.
<b>Environmental precautions</b>	Prevent liquid entering sewers, basements and workpits.
<b>Methods and material for containment and cleaning up</b>	Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.
<b>Reference to other sections</b>	None
<b>Additional Information</b>	None

## SECTION 7: HANDLING AND STORAGE

<b>Precautions for safe handling</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves/eye protection. Avoid contact with skin and eyes. Use product in a well-ventilated area only. Avoid breathing spray.
<b>Conditions for safe storage, including any incompatibilities</b>	
-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.
<b>Specific end use(s)</b>	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)	
Dipropylene glycol monomethyl ether	34590-94-8	100 ppm	100 ppm	-----	150 ppm	Skin
C9-C15 Alkanes & Cycloalkanes	-----	-----	1200 mg/m3	-----	-----	-----
Mineral oils / Oil Mist	-----	5 mg/m3	5 mg/m3 <sup>(1)</sup>	-----	-----	<sup>(1)</sup> Inhalable

**Recommended monitoring method** NIOSH 1500 (hydrocarbons, B.P. 36 - 216 °C) ; NIOSH 5026 (Oil mist; mineral); NIOSH 2554 (Glycol ethers)

### 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 or Butyl rubber)



# DuPont™ Penetrant with Teflon™ fluoropolymer - Aerosol

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

### Information on basic physical and chemical properties

Appearance	Aerosol spray
Color	Tan (Translucent)
Odor	Negligible
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	~ 226.7 – 287.8
Flash Point (°C)	~ 81.11
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Explosive Limit Ranges	Not available
Vapour pressure (Pascal)	<13
Vapour Density (Air=1)	~ 6.2
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>	None

## 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 and Reducing agents. Acids and Alkalis.
<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

Distillates (petroleum) hydrotreated light (CAS# 64742-47-8) - By analogy with similar materials:

<b>Acute toxicity</b>	Oral: LD50 >5000 mg/kg-bw (rat) Dermal: LD50 >2000 mg/kg-bw (rabbit) Inhalation: LC50 >5.28 mg/L (air), 4-hr. rat May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.
-----------------------	--



# DuPont™ Penetrant with Teflon™ fluoropolymer - Aerosol

**Irritation/Corrosivity**

Causes skin irritation. Repeated exposure may cause skin dryness or cracking.

**Sensitization**

It is not a skin sensitizer.

**Repeated dose toxicity**

No information available

**Carcinogenicity**

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

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

**Mutagenicity**

No information available

**Toxicity for reproduction**

No information available

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

Distillates (petroleum) hydrotreated light (CAS# 64742-47-8) - By analogy with similar materials:

Short term	LL50 (96 hour): 2 – 5 mg/L ( <i>Oncorhynchus mykiss</i> ) EL50 (48 hour): 1.4 mg/l ( <i>Daphnia magna</i> , mobility) EC50 (72 hour): 1 - 3 mg/l ( <i>Pseudokirchnerella subcapitata</i> )
Long Term	NOEL (28 days) 0.098 mg/l ( <i>Fish</i> ) QSAR NOEL (21 days): 0.48 mg/l ( <i>Daphnia magna</i> )

**Persistence and degradability**

Inherently biodegradable

**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

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

Transport in bulk according to Annex II of MARPOL73/78 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	----	----	----



# DuPont™ Penetrant with Teflon™ fluoropolymer - Aerosol

### SARA 311/312 - Hazard Categories:

Fire     Sudden Release     Reactivity     Immediate (acute)     Chronic (delayed)

### SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	----	----

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

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

### California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
None	----	----

## SECTION 16: OTHER INFORMATION

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

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.