



# DFP Touch-Up Markers

## Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

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### SECTION 1: Identification

#### 1.1. Identification

Product name : Touch-Up Markers  
Product code : 766XXX, 767XXX, 762XXX, 68726X and 77615X

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Furniture Touch-Up Markers

#### 1.3. Details of the supplier of the safety data sheet

Dover Finishing Products (DFP), Inc.  
180 Avenue du Voyageur  
Pointe-Claire, QC H9R 6A8 - Canada  
T 514-420-6030  
[dfpservice@dfp.ca](mailto:dfpservice@dfp.ca)

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC (800) 424-9300  
CHEMTREC International +1 (703) 527-3887 (24/7)

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

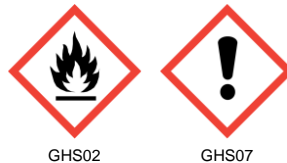
##### GHS classification

Flam. Liq. 2 H225  
Eye Irrit. 2A H319

#### 2.2. Label elements

##### GHS labelling

Hazard pictograms (GHS) :



GHS02

GHS07

Signal word (GHS) :

Danger

Hazard statements (GHS) :

Highly flammable liquid and vapour. Causes serious eye irritation.

Precautionary statements (GHS) :

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical, lighting, ventilating equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands thoroughly after handling. Wear eye protection, face protection, protective clothing, protective gloves. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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 advice/attention. Store in a well-ventilated place. Keep cool. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name              | Product identifier | %         |
|-------------------|--------------------|-----------|
| Ethyl alcohol     | (CAS-No.) 64-17-5  | 80 - 100  |
| Isopropyl alcohol | (CAS-No.) 67-63-0  | 5 - 10    |
| Diacetone alcohol | (CAS-No.) 123-42-2 | 1 - 5     |
| n-Propyl acetate  | (CAS-No.) 109-60-4 | 0.5 - 1.5 |

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact : If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash clothing before re-using. Get medical attention if irritation develops and persists.
- First-aid measures after eye contact : 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 advice/attention.
- First-aid measures after ingestion : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact : May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
- Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
- Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### 4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Chemical powder. Alcohol resistant foam. Water. Carbon dioxide.
- Unsuitable extinguishing media : None known.

### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Highly flammable liquid and vapour. Products of combustion may include, and are not limited to: oxides of carbon.
- Explosion hazard : May form flammable/explosive vapour-air mixture.
- Reactivity : No dangerous reactions known under normal conditions of use.

### 5.3. Advice for firefighters

- Firefighting instructions : Use water spray to cool exposed surfaces.
- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Use special care to avoid static electric charges. Remove all sources of ignition.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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### 6.3. Methods and material for containment and cleaning up

- For containment : Pick up large pieces, then place in a suitable container. Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.
- Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
- Precautions for safe handling : Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only non-sparking tools.
- Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Proper grounding procedures to avoid static electricity should be followed.
- Storage conditions : Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Ethyl alcohol (64-17-5)      |                                       |                        |
|------------------------------|---------------------------------------|------------------------|
| ACGIH                        | ACGIH STEL (ppm)                      | 1000 ppm               |
| OSHA                         | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 1900 mg/m <sup>3</sup> |
| OSHA                         | OSHA PEL (TWA) (ppm)                  | 1000 ppm               |
| IDLH                         | US IDLH (ppm)                         | 3300 ppm (10% LEL)     |
| NIOSH                        | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 1900 mg/m <sup>3</sup> |
| NIOSH                        | NIOSH REL (TWA) (ppm)                 | 1000 ppm               |
| Isopropyl alcohol (67-63-0)  |                                       |                        |
| ACGIH                        | ACGIH TWA (ppm)                       | 200 ppm                |
| ACGIH                        | ACGIH STEL (ppm)                      | 400 ppm                |
| OSHA                         | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 980 mg/m <sup>3</sup>  |
| OSHA                         | OSHA PEL (TWA) (ppm)                  | 400 ppm                |
| IDLH                         | US IDLH (ppm)                         | 2000 ppm (10% LEL)     |
| NIOSH                        | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 980 mg/m <sup>3</sup>  |
| NIOSH                        | NIOSH REL (TWA) (ppm)                 | 400 ppm                |
| NIOSH                        | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 1225 mg/m <sup>3</sup> |
| NIOSH                        | NIOSH REL (STEL) (ppm)                | 500 ppm                |
| Diacetone alcohol (123-42-2) |                                       |                        |
| ACGIH                        | ACGIH TWA (ppm)                       | 50 ppm                 |
| OSHA                         | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 240 mg/m <sup>3</sup>  |
| OSHA                         | OSHA PEL (TWA) (ppm)                  | 50 ppm                 |
| IDLH                         | US IDLH (ppm)                         | 1800 ppm (10% LEL)     |
| NIOSH                        | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 240 mg/m <sup>3</sup>  |
| NIOSH                        | NIOSH REL (TWA) (ppm)                 | 50 ppm                 |
| n-Propyl acetate (109-60-4)  |                                       |                        |
| ACGIH                        | ACGIH TWA (ppm)                       | 200 ppm                |

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| n-Propyl acetate (109-60-4) |                                       |                        |
|-----------------------------|---------------------------------------|------------------------|
| ACGIH                       | ACGIH STEL (ppm)                      | 250 ppm                |
| OSHA                        | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 840 mg/m <sup>3</sup>  |
| OSHA                        | OSHA PEL (TWA) (ppm)                  | 200 ppm                |
| IDLH                        | US IDLH (ppm)                         | 1700 ppm               |
| NIOSH                       | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 840 mg/m <sup>3</sup>  |
| NIOSH                       | NIOSH REL (TWA) (ppm)                 | 200 ppm                |
| NIOSH                       | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 1050 mg/m <sup>3</sup> |
| NIOSH                       | NIOSH REL (STEL) (ppm)                | 250 ppm                |

### 8.2. Exposure controls

|                                  |  |
|----------------------------------|--|
| Appropriate engineering controls | : Ensure good ventilation of the work station.   |
| Hand protection                  | : Wear suitable gloves.  |
| Eye protection                   | : Safety glasses or goggles are recommended when using product.  |
| Skin and body protection         | : Wear suitable protective clothing.   |
| Respiratory protection           | : In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. |
| Environmental exposure controls  | : Avoid release to the environment.  |
| Other information                | : Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.   |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|  |                                       |
|--|---------------------------------------|
| Physical state                             | : Liquid                              |
| Appearance                                 | : Marker                              |
| Colour                                     | : No data available                   |
| Odour                                      | : Alcohol                             |
| Odour threshold                            | : No data available                   |
| pH   | : No data available                   |
| Melting point                              | : No data available                   |
| Freezing point                             | : No data available                   |
| Boiling point                              | : No data available                   |
| Flash point                                | : 13 °C / 55.4 °F (Ethyl alcohol)     |
| Relative evaporation rate (butylacetate=1) | : No data available                   |
| Flammability (solid, gas)                  | : Highly flammable liquid and vapour. |
| Vapour pressure                            | : No data available                   |
| Relative vapour density at 20 °C           | : No data available                   |
| Relative density                           | : No data available                   |
| Solubility                                 | : No data available                   |
| Partition coefficient n-octanol/water      | : No data available                   |
| Auto-ignition temperature                  | : No data available                   |
| Decomposition temperature                  | : No data available                   |
| Viscosity, kinematic                       | : No data available                   |
| Viscosity, dynamic                         | : No data available                   |
| Explosive limits                           | : No data available                   |
| Explosive properties                       | : No data available                   |
| Oxidising properties                       | : No data available                   |

### 9.2. Other information

No additional information available

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

#### 10.2. Chemical stability

Stable under normal conditions. May form flammable/explosive vapour-air mixture.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Heat. Sources of ignition. Direct sunlight. Incompatible materials.

#### 10.5. Incompatible materials

Strong oxidizing agents.

#### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. May release flammable gases.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified.

Acute toxicity (dermal) : Not classified.

Acute toxicity (inhalation) : Not classified.

| Ethyl alcohol (64-17-5) |               |
|-------------------------|---------------|
| LD50 oral rat           | 7060 mg/kg    |
| LC50 inhalation rat     | 124.7 mg/l/4h |

| Isopropyl alcohol (67-63-0) |  |
|-----------------------------|--|
| LD50 oral rat               | 5045 mg/kg                                   |
| LD50 dermal rabbit          | 4059 mg/kg                                   |
| LC50 inhalation rat         | 72600 mg/m <sup>3</sup> (Exposure time: 4 h) |

| Diacetone alcohol (123-42-2) |  |
|------------------------------|--|
| LD50 oral rat                | > 4 g/kg                                     |
| LD50 dermal rabbit           | 13630 mg/kg                                  |
| LC50 inhalation rat          | > 7.23 g/m <sup>3</sup> (Exposure time: 8 h) |

| n-Propyl acetate (109-60-4) |               |
|-----------------------------|---------------|
| LD50 oral rat               | 8700 mg/kg    |
| LD50 dermal rabbit          | > 17756 mg/kg |

Skin corrosion/irritation : Not classified.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified.

Germ cell mutagenicity : Not classified.

Carcinogenicity : Not classified.

Reproductive toxicity : Not classified.

STOT-single exposure : Not classified.

STOT-repeated exposure : Not classified.

Aspiration hazard : Not classified.

Symptoms/effects after inhalation : May cause irritation to the respiratory tract.

Symptoms/effects after skin contact : May cause skin irritation. Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

| Ethyl alcohol (64-17-5)      |  |
|------------------------------|--|
| LC50 fish 1                  | 12.0 - 16.0 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])   |
| EC50 Daphnia 1               | 9268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)                 |
| LC50 fish 2                  | > 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         |
| EC50 Daphnia 2               | 2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])                   |
| Isopropyl alcohol (67-63-0)  |  |
| LC50 fish 1                  | 9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])    |
| EC50 Daphnia 1               | 13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)                        |
| LC50 fish 2                  | 11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])         |
| Diacetone alcohol (123-42-2) |  |
| LC50 fish 1                  | 420 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])           |
| LC50 fish 2                  | 420 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)                    |
| n-Propyl acetate (109-60-4)  |  |
| LC50 fish 1                  | 56 - 64 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| LC50 fish 2                  | 56 - 64 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])       |

#### 12.2. Persistence and degradability

| Trade Secret Touch-Up Markers |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

#### 12.3. Bioaccumulative potential

| Trade Secret Touch-Up Markers         |                  |
|---------------------------------------|------------------|
| Bioaccumulative potential             | Not established. |
| Ethyl alcohol (64-17-5)               |                  |
| Partition coefficient n-octanol/water | -0.32            |
| Isopropyl alcohol (67-63-0)           |                  |
| Partition coefficient n-octanol/water | 0.05 (at 25 °C)  |
| Diacetone alcohol (123-42-2)          |                  |
| Partition coefficient n-octanol/water | 1.03             |

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Other information : No other effects known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Recycle empty containers where allowed.

Additional information : Handle empty containers with care because residual vapours are flammable.

### SECTION 14: Transport information

#### Department of Transportation (DOT) and Transportation of Dangerous Goods (TDG)

In accordance with DOT/TDG

UN-No.(DOT/TDG) : UN1170

Proper Shipping Name (DOT/TDG) : Ethanol solutions

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

Packing group (DOT/TDG) : II

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Hazard labels (DOT/TDG)



### SECTION 15: Regulatory information

#### 15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

#### 15.2. International regulations

No additional information available

#### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

### SECTION 16: Other information

Revision date : 10/18/2018  
Other information : None.  
Prepared by : Nexreg Compliance Inc.  
[www.Nexreg.com](http://www.Nexreg.com)



SDS HazCom 2012 - WHMIS 2015 (NexReg)

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