

MANUFACTURER IDENTIFICATION

Dover Finishing Products Inc.
3245 J.B. Deschamps Lachine, Quebec, Canada H8T 3E4

Three (3) Components in Touch-up System for Wood:

CRYSTAL CLEAR FINISH: Water-based Urethane

Information: (514) 420-6030 • (800) 354-4445

TOUCH-UP MARKER: Furniture Repair Marker

Information: (514) 420-6030 • (800) 354-4445

FILL STICK Wax Repair Crayon

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HAZARDOUS INGREDIENTS/SARA III INFORMATION

CRYSTAL CLEAR FINISH

Hazardous Component (CAS # Weight %)	Exposure Limits TLV/PEL	LD50 Species & Route	LC50 Species & Route
Water (CAS: 7732-18-6 5-10%)	N/E - /N/E	N/D	N/D
Diethylene glycol monoethyl ether (CAS: 111-90-0 5%)	N/E - /N/E	5.4g/kg	N/D
Dibutyl phthalate (CAS: 84-74-2 1%)	5mg/m ³ - 5mg/m ³	20-25g/kg	N/D
Dipropylene glycol monomethyl ether (CAS: 34590-94-8 1-5%)	100ppm - 100ppm	7g/kg	N/D
Tributoxyethyl phosphate (CAS: 78-51-3 1-5%)	N/E/ - N/E	9.49g/kg	30mg/l
Acrylic emulsion polymer (CAS: N.A. 20-60%)	N/E - /N/E	>5g/kg	N/D
Polyurethane emulsion (CAS: N.A. 30-40%)	N/E - /N/E	N/D	N/D

TOUCH-UP MARKER

Hazardous Component	CAS No.	% /Wt.	Exposure Limits (mg/m ³)			
			OSHA		ACGIH	
			TWA	STEL	TWA	STEL
Isopropyl alcohol	67-63-0	45-65	400	500	400	500
Propylene glycol monomethyl ether	107-98-2	7-15	-	-	100	150
VM&P Naptha	80332-32-4	1-2	300	-	300	-

FILL STICK

Hazardous Component	CAS No.	% /Wt.	Exposure Limits (mg/m ³)			
			OSHA		ACGIH	
			TWA	STEL	TWA	STEL
None						

PHYSICAL/CHEMICAL CHARACTERISTICS

CRYSTAL CLEAR FINISH

Boiling Point: The lowest known value is 100°C (212°F)	Evaporation Rate (water=1): <0.04
Dens./ Specific Gravity: (H ₂ O = 1): 1.05	Freezing Point: 0°C (32°F)
Solubility: Complete (in water)	Vapor Density (Air=1): The <1
Appearance & Odor: Bland odour, milky liquid	pH: 7.6-8.0

TOUCH-UP MARKER

Boiling Point: 160°C	Dens./ Specific Gravity: (H ₂ O = 1): 0.84
Solubility in Water: Partial	Appearance & Odor: Colored ink, mild odor
Vapor Density (Air=1): >1	Evaporation Rate: N/A

FILL STICK

Boiling Point: N/A	Dens./ Specific Gravity: (H ₂ O = 1): 0.89 - 0.92
Solubility in Water: Insoluble	Appearance & Odor: Various colored waxes, slight sweet odor
Vapor Density (Air=1):	Evaporation Rate: N/A

FIRE & EXPLOSION HAZARDS

CRYSTAL CLEAR FINISH

Flash Point: N/A
 Flammable Limits in Air (% by Volume): N/A
 Auto-Ignition Temperature: N/A
 Hazardous Combustion Products: N/A
 Extinguishing Media: Use media proper to the primary cause of the fire
 Unusual Fire & Explosion Hazards: None known
 Fire Fighting Procedures: None
 LEL: N/A
 UEL: N/A

TOUCH-UP MARKER

These markers are classified as articles and as such are not required to have a MSDS. This sheet is provided as a service to our customers and reflects the ink which is totally absorbed by the felt wicking. There is no free liquid contained within these markers.

Flash Point: 13°C Method: TCC
Flammable Limits in Air (% by Volume): Lower: 1.2% Upper: 13.8%
Burning Rate: N/D Auto-Ignition Temperature: N/D
Extinguishing Media: CO₂, Foam, Dry Chemical
Unusual Fire & Explosion Hazards: None known

Fire Fighting Procedures: Wear self-contained breathing apparatus in confined areas or when exposed to combustion products. Use water spray to cool fire exposed containers. Cover with sand or earth.

FILL STICK

These Fill Sticks (wax crayons) are classified as articles and as such are not required to have a MSDS. This sheet is provided as a service to our customers.

Flash Point: none Method: N/A
Flammable Limits in Air (% by Volume): Lower: N/A Upper: N/A
Burning Rate: N/D Auto-Ignition Temperature: N/D
Extinguishing Media: CO₂, Foam, Dry Chemical
Unusual Fire & Explosion Hazards: none
Fire Fighting Procedures: Wear self-contained breathing apparatus in confined areas or when exposed to combustion products. Use water only on small fires. Cover with sand or earth.

PROTECTION INFORMATION

CRYSTAL CLEAR FINISH

Ventilation: Local exhaust – N/A, mechanical - Acceptable
Respiratory Protection: None normally required with adequate ventilation.
Gloves: Rubber to protect sensitive skin.
Eyes: As required to prevent splashing in eyes.
Protective Clothing and Equipment: As needed to prevent wetting/contamination of clothing.
Other Protective Measures: Minimize breathing vapors. Avoid prolonged or repeated skin contact. Cleanse skin thoroughly after contact. Keep out of reach of children.

TOUCH-UP MARKER

Ventilation: General ventilation is required during normal use.
Respiratory Protection: Not required during normal use.
Gloves: Not required during normal use.
Eyes: Not required during normal use.
Other Protective Measures: Minimize breathing vapors. Avoid prolonged or repeated skin contact. Cleanse skin thoroughly after contact, before meals. Wear protective clothing. Keep out of reach of children.

FILL STICK

Ventilation: If molten, remove subject to fresh air.
Respiratory Protection: Not required during normal use.
Gloves: Not required during normal use. Leather when molten.
Eyes: Not required during normal use.
Other Protective Measures: Minimize breathing vapors. Avoid prolonged or repeated skin contact. Cleanse skin thoroughly after contact, before meals. Wear protective clothing. Keep out of reach of children.

HEALTH HAZARDS

CRYSTAL CLEAR FINISH

Routes of Entry: Ingestion
Toxicological Synergistic Products: None known
Medical Conditions Aggravated by Exposure: None known
Carcinogenicity: None
Teratogenicity: None
Mutagenicity: None
Reproductive toxicity: None

Acute and/or chronic

Eyes: Direct contact may cause irritation
Skin: Prolonged or repeated contact may cause irritation
Ingestion: May cause gastrointestinal irritation, nausea, diarrhea
Inhalation: Prolonged exposure in poorly ventilated area may cause respiratory irritation

TOUCH-UP MARKER

Inhalation: May cause dizziness, irritation of the respiratory tract.
Eye Irritation: May cause irritation. Ingestion: N/A
Skin Irritation: Prolonged contact will cause dryness and irritation.
Liver/Kidney Damage: N/D Carcinogenicity: N/D Teratogenicity: N/D
Mutagenicity: N/D Reproductive Effects: N/D Sensitization: N/D
Other Health Data: Not known Tested On: Not Known OSHA Regulated: No

FILL STICK

Inhalation: If molten, may cause dizziness, irritation of the respiratory tract.
Eye Irritation: May cause irritation. Ingestion: Non-toxic
Skin Irritation: Prolonged contact will cause dryness and irritation.
Liver/Kidney Damage: N/D Carcinogenicity: N/D Teratogenicity: N/D
Mutagenicity: N/D Reproductive Effects: N/D Sensitization: N/D
Other Health Data: Not known Tested On: Not Known OSHA Regulated: No

FIRST AID

CRYSTAL CLEAR FINISH

Eyes: Flush with a large amount of water for 15 minutes holding eyelids open.
Skin: Wash with mild soap and water.
Ingestion: Give 2-3 large glasses of water. Seek medical attention.
Inhalation: Remove to fresh air and rest. In all cases, if symptoms persist, seek medical attention.

TOUCH-UP MARKER

Inhalation: Remove to fresh air. Assist breathing if necessary. Consult a physician immediately.
Eyes: Flush with flowing water for 15 minutes. If irritation persists, consult a physician.
Ingestion: Not applicable
Skin: Wash thoroughly with soap and water.

FILL STICK

Inhalation: If molten, remove to fresh air. Assist breathing if necessary. Consult a physician immediately.

Eyes: If molten, flush with flowing water for 15 minutes. If irritation persists, consult a physician. **DO NOT REMOVE WAX.**

Ingestion: Non-toxic.

Skin: If molten, will cause skin burns. Flush with flowing water for 15 minutes, treat as a burn. If irritation persists, consult a physician. **DO NOT REMOVE WAX.**

Never induce vomiting or give liquids if victim is unconscious.

Place victim in a stable side position and keep warm.

REACTIVITY DATA

CRYSTAL CLEAR FINISH

Stability: Stable

Incompatibility: None known

Hazardous Decomposition of By-Products: None known

Hazardous Polymerization: Will not occur

TOUCH-UP MARKER

Stability: Stable

Incompatibility: Strong oxidizing agents

Hazardous Decomposition Products: (heat) CO, CO₂

Conditions to avoid: none

Hazardous Polymerization: Will not occur

FILL STICK

Stability: Stable

Incompatibility: Strong oxidizing agents

Hazardous Decomposition Products: Overheating produces heat CO, CO₂

Conditions to avoid: none

Hazardous Polymerization: Will not occur

SPILL & DISPOSAL PROCEDURES

CRYSTAL CLEAR FINISH

Steps to be taken if material is spilled or released: Collect and reuse if possible. Flush to sewer with large quantities of water if permitted by regulatory authorities or absorb with inert material (sand, clay, etc.) and place into container for proper disposal.

Do not allow runoff into public waterways.

Waste Disposal: Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

TOUCH-UP MARKER

Spills & Leaks: Not applicable.

Waste Disposal: Observe local regulations.

FILL STICK

Spills & Leaks: Not applicable.

Waste Disposal: Observe local regulations.

STORAGE & HANDLING

CRYSTAL CLEAR FINISH

Keep container tightly closed. Keep in a cool, dry area. Follow good housekeeping practices.

TOUCH-UP MARKER

Store in a cool, dry, well ventilated area away from any source of heat..

FILL STICK

Store in a cool, dry, well ventilated area away from any source of heat..

ECOLOGICAL DATA

Biodegradability: N/D

Aquatic Toxicity: N/D

Inhibition of Bacteria in Effluent: N/D

TRANSPORTATION & CLASSIFICATION

Shipping Name: Touch-up System for Wood

UN Number: N/A

Classification: Consumer Commodity

Packing Group: N/A

WHMIS HAZARDS CLASSIFICATION

Class B: Flammable & Combustible material Division 2 - Flammable liquids

Class D: Poisonous & infectious material. Division 2B - Causing chronic toxic and other effects

DISCLAIMER

The information contained herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Since conditions of use are beyond our control, we make no warranties, expressed or implied, except those that may be contained in our written contract of sale or acknowledgment.

N/D = No Data

N/A = Not Applicable

N/E = Not Established

> = Greater Than

< = Less Than