

Vapor Density (Air=1): >1

Evaporation Rate: N/A

FILL STICK

Boiling Point: N/A

Dens./ Specific Gravity: (H₂O = 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 PRO FINISH

Flash Point: The lowest known value is CLOSED CUP: 8°C (42.8°F). (Tagliabue). OPEN CUP: 9°C (48.2°F) (Tagliabue). (Toluene) - Method: N/A

Flammable Limits in Air (% by Volume): Lower: 3.3% Upper: 19% (Ethanol)

Burning Rate: N/D Auto-Ignition Temperature: The lowest known value is 343°C (649.4°F) (Butan-1-ol)

Extinguishing Media: CO₂, Foam, Dry Chemical, Water Spray

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.

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: General ventilation is required during normal use. Local exhaust may be required.

Respiratory Protection: May be required during normal use and handling. Approved respirator if exposed to vapors or mist.

Gloves: Wear chemical resistant nitrile, neoprene or rubber gloves to prevent skin contact.

Eyes: Chemical safety goggles should be worn. A face shield may also be necessary.

Other Protective Measures: Minimize breathing vapors. Avoid prolonged or repeated skin contact. Cleanse skin thoroughly after contact, before meals. Wear protective clothing.

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.

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.

HEALTH HAZARDS

CRYSTAL CLEAR FINISH

Chronic effects on humans: Hazardous in case of skin contact (sensitizer), of inhalation (lung sensitizer).

Inhalation: May cause dizziness, irritation of the respiratory tract.

Liver/Kidney Damage: N/D

Carcinogenicity: N/D

Mutagenicity: N/D

Reproductive Effects: N/D

Sensitization: N/D

Tested On: Not Known

OSHA Regulated: No

Teratogenicity: classified SUSPECTED for human (Diocetyl phthalate)

Developmental Toxicity: PROVEN (Ethanol)

The substance is toxic to the nervous system, liver, the reproductive system, kidneys, lungs. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Acute effects on humans: Very hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation. Hazardous in case of skin contact (corrosive). Slightly hazardous in case of skin contact (sensitizer). Severe over-exposure can result in death. Inflammation of the eye is characterized by redness, watering and itching. Skin inflammation is characterized by itching, scaling, reddening or occasionally, blistering.

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

Inhalation: Remove to fresh air. Assist breathing if necessary. Consult a physician immediately.

Eyes: Check for and remove any contact lenses. DO NOT use any eye ointment. Flush with flowing water for 15 minutes. If irritation persists, consult a physician.

Ingestion: Do not induce vomiting. Consult a doctor immediately.

Skin: Wash thoroughly with soap and water. Be particularly careful to clean folds, crevices, creases and grain. Cover the irritated skin with an emollient. If irritation persists, 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

Degradability: not available.

Products of degradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The products of degradation are less toxic than the product itself.

Corrosivity: Not considered to be corrosive for metals and glass according to our database.

Reactivity: Reactive with oxidizing agents, reducing agents, organic materials, metals, acids, alkalis. Slightly reactive with moisture.

TOUCH-UP MARKER

Stability: Stable

Conditions to avoid: none

Incompatibility: Strong oxidizing agents

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: (heat) CO, CO₂

FILL STICK

Stability: Stable

Conditions to avoid: none

Incompatibility: Strong oxidizing agents

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Overheating produces heat CO, CO₂

SPILL & DISPOSAL PROCEDURES

CRYSTAL CLEAR FINISH

Small spills & leak: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large spill & leak: Poisonous flammable liquid, insoluble or very slightly in water. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. **DO NOT** get water inside container. **DO NOT** touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed.

Eliminate all sources of ignition. Call for assistance on disposal. Be careful that the product is not present at a concentration level above TLV> Check TLV on the MSDS and with local authorities.

Waste Disposal: Observe local regulations.

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, well-ventilated place. Highly toxic or infectious materials should be stored in a separate locked safety storage cabinet or room.

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
Classification: Not controlled

UN Number: Not controlled
Packing Group: Not controlled

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
> = Greater Than

N/A = Not Applicable
< = Less Than