

MSDS

Material Safety Data Sheet

ELECTRA PRO INK

SECTION 1: CHEMICAL PRODUCT & IDENTIFICATION

Manufacturer:

Unimax Supply Co Inc.
269 Canal Street
New York, New York 10013

Product Name:

Electra Pro Ink

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

All color inks contain: Synthetic Organic Pigment (various as listed)
Water - Glycerin - Isopropyl Alcohol - Proprietary Blend

Mixture Containing: 17-20% Isopropyl Alcohol (70%)/CAS#:67-63-0/17-20%/Not under study ACGIH or OSHA PEL/Mixtures

Significant Non-hazardous Components:

Water/NON=PEL/CAS#:7732-18-5 10-15%/Not under study ACGIH or OSHA PEL
Glycerin/CAS#:56-81-5 10-15%/Not under study ACGIH or OSHA PEL

May contain: Synthetic Organic Pigments 50-60%

Pigments considered inert, non-toxic, practically insoluble in medium
Propylene Glycol USP CAS#:000057-55-6, Witch Hazel CAS#:68916-39-2,
Orange CI#12075, Violet CI#51319, Red CI#73915, Green CI#74260,
Red CI#12466, Red CI#12475, Yellow CI#21095, Phthalocyanine
CI#74160, Black CI#77266, Titanium Dioxide CI#77891

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS/ HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

Boiling Point: 300 C

Specific Gravity (h20=1) 13.60 lbs/gal

Vapor Pressure (mm) Not Applicable

Vapor Density (AIR=1) No VOC, Evaporation rate Not Applicable

Solubility in Water: Synthetic Organic Pigments: INSOLUBLE

Appearance and Odor: Finely divided powders in liquid various colors, slight isopropyl
smell

October 5, 2015.

POTENTIAL HEALTH EFFECTS:

EYE: Procedures irritation, burning sensation, redness, tearing, inflammation an possible
corneal injury

SKIN: May cause irritation with pain and stinging. Isopropanol has a low potential to
cause allergic skin reactions. May be absorbed through intact skin

INGESTION: Causes gastrointestinal irritation with nausea, vomiting and diarrhea.
May cause headache, dizziness, drowsiness and nausea.

INHALATION: Inhalation of high concentrations may cause nausea, headache,
dizziness, unconsciousness and coma, narcotic effects, drowsiness and dizziness

CHRONIC: Prolonged or repeated skin contact may cause defatting and dermatitis.

SECTION 4: FIRST AID MEASURES

EYES: In case of contact, immediately flush eyes with plenty of water for at least 15
minutes. Get medical aid

SKIN: In case of contact, flush skin with plenty of water. Get medical aid if irritation
develops and persists.

INGESTION: Potential for going into lungs if swallowed. Get medical aid immediately.
Do not induce vomiting unless directed to do so by a medical personnel. Never give
anything by mouth to an unconscious person.

INHALATION: If inhaled, remove to fresh air. Get medical aid.

Contain spill with material such as dry sand or sawdust. Scoop into appropriate waste
Container for disposal

SECTION 5: FIRE FIGHTING MEASURES

GENERAL INFORMATION: Flammable liquid and vapor. Vapors are heavier than air
and may travel to a source of ignition and flash back and spread along the ground and
collect in low confined areas.

EXTINGUISHING MEDIA: For small fires, use carbon dioxide, dry chemical, dry sand
or alcohol-resistant foam. Do NOT use straight streams of water. For large fires use dry
chemical, carbon dioxide, alcohol-resistant foam or water spray. Use water spray to keep
fire exposed containers cool.

FLASH POINT: Not Applicable

AUTOIGNITION TEMPERATURE: 399 deg C (750.20 deg F)

EXPLOSION LIMITS, LOWER: 2.0 vol %

UPPER: 12.7 @ 93.3 degree C

NFPA RATING: (estimated) Health: 1; Flammability: 3; Instability: 0

SECTION 6: ACCIDENTIAL RELEASE MEASURES

SPILLS/LEAKS: Absorb spill with inert absorbing material (e.g. vermiculite, sand or
earth) then place in suitable container

SECTION 7: HANDLING & STORAGE

HANDLING: Use only with adequate ventilation. Avoid breathing vapor or mist. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Empty containers retain product residue, (liquid and/or vapor) and can be dangerous.

STORAGE: Keep away from sources of ignition, heat, sparks or open flames. Store in tightly closed container. Keep from contact with oxidizing materials. Store in a cool, dry, well ventilated area.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use adequate general or local exhaust ventilation to keep airborne concentrates below the permissible exposure limits.

EXPOSURE LIMITS: None listed

CHEMICAL NAME MIXTURE/ACGIH/NIOSH/OSHA - FINAL PELs: Contains 17-20A% Isopropyl alcohol mixed with water; 200ppm TWA; 400 ppm STEL; 400 ppm TWA; 980 mg/m3 TWA 2000 ppm IDLH (10% IEL) 400 PPM TWA; 980 mg/m3 TWA Water; None listed; None listed; None listed

OSHA VACATED PELs: Contains 17-20% Isopropyl alcohol: 400 ppm TWA; 980 mg/m3 TWA water. No OSHA Vacated PELs are listed for the chemical

PERSONAL PROTECTIVE EQUIPMENT:

EYES: Wear appropriate eye protection

SKIN: Wear appropriate protective gloves to prevent skin exposure

CLOTHING: Wear appropriate clothing to prevent skin exposure

RESPIRATORS: A respiratory protection program must be followed whenever workplace conditions warrant respirator use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid; **APPEARANCE:** Variously colored; **PH:** Not available

ODOR: Alcohol-like **VAPOR PRESSURE:** Not Applicable

VAPOR DENSITY: No VOC **EVAPORATION RATE:** Not applicable

VISCOSITY: 2.27 mPas @ 20 deg C **BOILING POINT:** 82 deg C @ 760 mm Hg

FREEZING/MELTING POINT: -88 deg C

DECOMPOSITION TEMPERATURE: Not available **SOLUBILITY:** Miscible

SPECIFIC GRAVITY/DENSITY: 0.7850 (water=1)

MOLECULAR FORMULA: contains C3H8O mixed with water

MOLECULAR WEIGHT: 60.09

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable **CONDITIONS TO AVOID:** Heat, sparks flames

INCOMPATIBILITIES WITH OTHER MATERIAL: Strong oxidizing agents, strong acids, strong bases, amines, ammonia, ethylene oxide, isocyanates, acetaldehyde, chlorine, phosgene

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide

SECTION 11: TOXIOLOGICAL INFORMATION

RTECS: Contains 17-20% CAS#: 67-63-0; NT8050000 CAS#: 7732-18-5; ZC0110000

LD50/LC50: CAS#: 67-63-0 CAS#: 7732-18-5

CARCINOGENICITY: CAS#: 67-63-0; Not Listed CAS#: 7732-18-5; Not Listed

SECTION 12: ECOLOGICAL INFORMATION:

ENVIRONMENTAL: No information available

SECTION 13: DISPOSAL CONSIDERATIONS:

Chemical waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SECTION 14: TRANSPORT INFORMATION:

US DOT/CANADA TDG/UN NUMBER/PACKING GROUP

SHIPPING NAME: Color Ink **HAZARD CLASS:** None determined

SECTION 15: REGULATORY INFORMATION:

This mixture contains Isopropyl alcohol (CAS# 67-63-0, 70%) which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373

CLEAN AIR ACT: This material does not contain any hazardous air pollutants and Class 1 Ozone depleters and any Class 2 Ozone depleters.

CLEAN WATER ACT: None of the chemicals in this product are listed as Hazardous Substances, Priority Pollutants or Toxic Pollutants under the CWA.

OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.

STATE: Contains 17-20% CAS#: 67-63-0 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota and Massachusetts. CAS#: 7732-18-2 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65: State of California no significant risk level: None of the chemicals in the product are listed.

SECTION 16: OTHER INFORMATION:

MSDS CREATION DATE: 9/2013 10/06/2015

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty or merchantability or any other warranty, express or implied with respect to such information. We assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall ELECTRA PRO be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if ELECTRA PRO has been advised of the possibility of such damages.