



MATERIAL SAFETY DATA SHEET

REMANUFACTURED HP 8766

SECTION 1: IDENTIFICATION

MANUFACTURER: Clover Technologies **EMERGENCY NUMBER:** (815) 431-8100
ADDRESS: 4200 Columbus St. **INFORMATION NUMBER:** (815) 431-8100
Ottawa, IL 61350 **DATE OF REVISION:** May 8, 2014

SECTION 2: PRODUCT COMPONENTS

INGREDIENTS	CAS#.	Cyan WT. %	Magenta WT. %	Yellow WT. %
Glycol Solvent	FL PROP96	1 - 10	5 - 15	1 - 10
Dye	SUPPLYPROP35	0	5 - 15	0
n-Butanol	71-36-3	< 2	< 2	0
Ethanol	64-17-5	< 2	< 2	0
Glycol	FL PROP106	0	0	1 - 10
Isopropyl Alcohol	67-63-0	0	0	1 - 10
2-Pyrrolidone	616-45-5	10 - 20	0	0
Phthalocyanine Dye	FL PROP52	1 - 10	0	0

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This product contains cyan (blue), magenta (red), and yellow liquids with a mild odor.

CAUTION! May cause eye and skin irritation. Harmful if swallowed. Ingestion of inks may cause irritation, headache, vomiting, nausea and diarrhea.

See Section 11 for detailed health effects information.

SECTION 4: EMERGENCY and FIRST AID PROCEDURES

INGESTION: Call a poison control center or doctor immediately for treatment advice. If conscious, give one 8 ounce glass of water to dilute. DO NOT induce vomiting unless directed by medical personnel. Do not give anything by mouth to or induce vomiting in a person who is unconscious or convulsing.

SKIN CONTACT: Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation develops and persists. Launder contaminated clothing before reuse. Discard contaminated clothing such as shoes that cannot be decontaminated.

EYE CONTACT: Flush Flush eyes with water for 15 minutes while lifting the upper and lower lids. Get medical attention.

INHALATION: Remove victim to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get medical attention.



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SECTION 5: FIRE and EXPLOSION HAZARD DATA

FLASH POINT: None
AUTOIGNITION TEMPERATURE: Not available
FLAMMABLE LIMITS: (vol % in air) LEL: Not Applicable
UEL: Not Applicable
EXTINGUISHING MEDIA: Not Applicable
SPECIAL FIRE FIGHTING PROCEDURES: Not Applicable
UNUSUAL FIRE AND EXPLOSION HAZARDS: Not Applicable
HAZARDOUS COMBUSTION PRODUCTS: Not Applicable

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear appropriate protective clothing as described in Section 8. Dike spill and absorb with an inert material. Collect into closable containers for proper disposal. Report spill as required by local and federal regulations.

SECTION 7: HANDLING and STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Protect containers from physical damage. Store product in a cool (68°F), dry area away from heat, light, moisture, oxidizers and other incompatible materials.

SECTION 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

INGREDIENTS	CAS#.	EXPOSURE LIMITS
Glycol Solvent	FL PROP96	As a mist only: 10 mg/m ³ OSHA PEL TWA 10 mg/m ³ AIGIH TLV
Dye	SUPPLYPROP35	None Established
n-Butanol	71-36-3	50 ppm Ceiling, Skin OSHA PEL/ACGIH TLV
Ethanol	64-17-5	1000 ppm, TWA OSHA 1000 ppm, ACGIH TWA-TLV
Glycol	FL PROP106	None Established
Isopropyl Alcohol	67-63-0	400 ppm, ACGIH TWA-TLV
2-Pyrrolidone	616-45-5	PEL 100ppm
Phthalocyanine Dye	FL PROP52	0.5 – 2% copper in complex form 1.0 mg/m ³ OSHA (as Cu dusts/mists)

EXPOSURE LIMITS: Use in a well ventilated area.

PERSONAL PROTECTIVE EQUIPMENT: Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

PROTECTIVE CLOTHING: Use personal protective equipment to minimize exposure to skin and eye.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

BOILING POINT (@760 mmHg): 200°F
SPECIFIC GRAVITY (H₂O=1): 1.00 – 1.1
VAPOR PRESSURE: No Data
VAPOR DENSITY (Air=1): >1 (Heavier than air)
SOLUBILITY IN WATER: Complete
APPEARANCE: Cyan, Magenta, and Yellow liquids.

FREEZING POINT: Not available
COEFFICIENT of WATER/OIL: Not available
EVAPORATION RATE (Butyl Acetate = 1): > 1



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SECTION 10: STABILITY and REACTIVITY

STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY: Strong oxidizing agents, strong acids, strong bases and hydrogen peroxide.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield carbon monoxide, carbon dioxide, and nitrogen oxides.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

EYE CONTACT: May cause mild irritation with redness and tearing

SKIN CONTACT: Contact may cause mild skin irritation.

INHALATION: Vapors or mists may cause respiratory irritation with headache, dizziness, nausea, drowsiness, incoordination, euphoria, visual disturbances, fatigue and unconsciousness.

INGESTION: Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea, severe metabolic acidosis and damage to the kidneys and liver. Aspiration into the lungs during swallowing or vomiting may cause lung damage.

CHRONIC EFFECTS of OVEREXPOSURE: Prolonged exposure may cause dermatitis. Prolonged or repeated over exposure may cause damage to the kidneys or liver.

CARCINOGENICITY: None of the components of this products are listed as a carcinogen by NTP, IARC or OSHA. 2-pyrrolidione was found to cause birth defects in studies with laboratory animals.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with chronic skin, respiratory, kidney and liver disorders may be at increased risk from exposure to this material.

TOXICOLOGY DATA: No information available.

SECTION 12: ECOLOGICAL INFORMATION

Do not discharge product uncontrolled into the environment.

SECTION 13: DISPOSAL INFORMATION

WASTE DISPOSAL METHOD: Dispose of in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

DOMESTIC TRANSPORTATION

DOT SHIPPING NAME: Not Regulated

DOT HAZARD CLASSIFICATION: Not Regulated

DOT LABELS REQUIRED (49CFR172.101): Not Applicable

UN NUMBER: None

INTERNATIONAL TRANSPORTATION

IMDG SHIPPING NAME: Not Regulated

IMDG CLASS: Not Regulated

UN NUMBER: Not Applicable

IMDG LABEL: None



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SECTION 15: REGULATORY INFORMATION

OSHA HAZARD CLASSIFICATION: Irritant, target organ effects

EPA SARA 311 HAZARD CLASSIFICATION: Acute health

SARA TITLE 111 SECTION 313 INFORMATION: This product contains the following chemicals that are regulated under SARA 313:

COMPONENT	CAS #	WT%
n-Butanol	71-36-3	1%

CERCLA HAZARDOUS SUBSTANCE (40CFR 116): Not applicable

REPORTABLE QUANTITY: Not applicable

CALIFORNIA PROPOSITION 65 INFORMATION: This product contains no California Proposition 65 regulated chemicals.

SECTION 16: OTHER INFORMATION

HMIS Rating: Health = 2 Fire = 0 Reactivity = 0