



MATERIAL SAFETY DATA SHEET COMPATIBLE EPSON T060220

SECTION 1: IDENTIFICATION

MANUFACTURER:	Clover Technologies	EMERGENCY NUMBER:	(502) 736-1400
ADDRESS:	4621-A Proximity Drive	INFORMATION NUMBER:	(502) 736-1400
	Louisville, KY 40213	DATE OF REVISION:	July 17, 2006

SECTION 2: PRODUCT COMPONENTS

INGREDIENTS	CAS#.	Cyan WT. %
Glycol Ether	STS059	15 – 25
Glycol Solvent	STS111	5 – 15
2-Pyrrolidone	616-45-5	1 – 10
Phthalocyanine Dye	STS114	1 – 10
n-Propanol	71-23-8	< 2

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This product contains cyan (blue) liquid with a mild odor.

CAUTION! May cause eye and skin irritation. May cause gastrointestinal irritation, 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 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.

SECTION 5: FIRE and EXPLOSION HAZARD DATA

FLASH POINT: None

AUTOIGNITION TEMPERATURE: Not available

FLAMMABLE LIMITS: (vol % in air) LEL: NA
UEL: NA

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide and dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool fire exposed containers and structures with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide and carbon dioxide.



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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 in a cool (68°F), dry area away from oxidizers and other incompatible materials.

Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Use with adequate ventilation. Remove and launder contaminated clothing before re-use. Wash thoroughly after handling and before eating, drinking, smoking or using toilet facilities.

SECTION 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

INGREDIENTS	CAS#.	EXPOSURE LIMITS
Glycol Ether	STS059	None Established
Glycol Solvent	STS111	None Established
2-Pyrrolidone	616-45-5	None Established
Phthalocyanine Dye	STS114	OSHA 1.0 mg/m ³ (as Cu dusts/mists)
n-Propanol	71-23-8	200ppm OSHA PEL/ACGIH TWA 250ppm STEL

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 – 1.10

VAPOR PRESSURE: ND

VAPOR DENSITY (Air=1): Heavier than air

SOLUBILITY IN WATER: Complete

APPEARANCE: Cyan liquid with mild odor.

FREEZING POINT: Not available

COEFFICIENT of WATER/OIL: Not available

EVAPORATION RATE: > Butyl Acetate

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, nitrogen oxides, aldehydes, acrolein and tetrahydrofuran.

HAZARDOUS POLYMERIZATION: Will not occur.



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SECTION 11: TOXICOLOGICAL INFORMATION

EYE CONTACT: May cause mild irritation with redness and tearing

SKIN CONTACT: Contact may cause mild skin irritation.

INHALATION: None reported or known to exist for the product.

INGESTION: Swallowing may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

CHRONIC EFFECTS of OVEREXPOSURE: None reported or known to exist for the product.

CARCINOGENICITY: None of the components of this product are on the IARC, NTP, OSHA lists.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None reported or known to exist for the product.

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: Product not tested. It is not considered to be toxic per 29CFR1910.1200 but is considered to be a skin/eye irritant.

TSCA STATUS: All components of this product are included on the TSCA Section 8 inventory.

EPA SARA 311 HAZARD CLASSIFICATION: Immediate (acute) health

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

COMPONENT	CAS #	WT%
Glycol Ethers	N/A	15 - 25%

CERCLA HAZARDOUS SUBSTANCE (40CFR 116): Not applicable

REPORTABLE QUANTITY: Not applicable

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

WHMIS CLASSIFICATION: Class D - Division 2 - Subdivision A (Very toxic material causing other toxic effects)

SECTION 16: OTHER INFORMATION

HMIS Rating: Health = 1 Fire = 0 Reactivity = 0