



MATERIAL SAFETY DATA SHEET

MI-GLOW[®] WCP

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

CIRCLE SYSTEMS, INC.

479 W. Lincoln, P.O. Box 1228

Hinckley, IL 60520

815-286-3271 / After Hours EMERGENCY RESPONSE: Chem-tel 800-255-3924 Contract# MIS0001649

TRADE NAME: **MI-GLOW[®] WCP**

FORMULA: White contrast paint

HMIS Rating: Health 2, Flammability 3, Reactivity 0

2. COMPOSITION, INFORMATION ON INGREDIENTS:

<u>MATERIAL</u>	<u>C.A.S. #</u>	<u>% by WT</u>	<u>PEL</u>	<u>TLV</u>
Acetone	67-64-1	60-70	750 ppm	750 ppm
Xylene	1330-20-7	<5	100 ppm	100 ppm

3. HAZARDS IDENTIFICATION:

EYE CONTACT: May cause moderate irritation and moderate corneal injury. Vapor may cause irritation to eyes as well.

SKIN CONTACT: Prolonged contact may cause irritation and defatting of skin.

INHALATION: May cause nose and throat irritation. May cause nervous system depression characterized by the following progressive steps: headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

INGESTION: Aspiration may cause rapid absorption through the lungs, which may result in systemic effects and gastro-intestinal distress

IMPORTANT NOTICE: REPEATED AND PROLONGED EXPOSURE TO SOLVENTS MAY LEAD TO PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. EYE WATERING, HEADACHES, NAUSEA, DIZZINESS AND LOSS OF COORDINATION ARE SIGNS THAT SOLVENT LEVELS ARE TOO HIGH. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

4. FIRST AID MEASURES:

EYES: Flush with flowing water immediately, for at least 15 minutes. Consult medical personnel.

INHALATION: Remove subject to fresh air. If not breathing, give mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

SKIN: Wash off in flowing water or shower. Remove contaminated clothing and wash before reuse. If irritation persists, call a physician.

INGESTION: Do not induce vomiting. Call a physician immediately.

SEEK MEDICAL ATTENTION IN ALL CASES

5. FIRE HAZARDS:

FLASH POINT: <20°F

FLAMMABLE LIMITS: 0.9% to 13.1%

EXTINGUISHING MEDIA: Foam, Dry Chemical, Carbon Dioxide

SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure build-up and possible bursting when exposed to high temperatures. Firemen should wear self-contained respiratory equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Extremely flammable liquid. Do not store or use near heat or ignition sources. Closed containers may burst at temperatures above 120°F.

6. ACCIDENTAL RELEASE MEASURES:

SMALL SPILLS: Remove ignition sources. Mop up, wipe up, or soak up immediately. Use proper protective equipment.

LARGE SPILLS: Evacuate area. Remove ignition sources. Contain liquid; transfer to closed containers; keep out of water supplies.

7. HANDLING AND STORAGE:

Do not store above 120°F. Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Do not use or store near ignition sources.

OTHER PRECAUTIONS: Use only as directed. Intentional misuse may be harmful or fatal. Vapors are heavier than air and will collect in low areas. Extremely flammable.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION:

VENTILATION REQUIREMENTS: Must be adequate to maintain vapors at less than TLV.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:

EYE: Safety glasses or goggles

RESPIRATORY: NIOSH or Bureau of Mines approved organic vapor-type respirator is required in absence of proper environmental control.

GLOVES: Solvent resistant gloves – impervious gloves

OTHER CLOTHING & EQUIPMENT: None reasonably foreseen.

9. PHYSICAL AND CHEMICAL PROPERTIES:

BOILING POINT: 132°F - 329°F (Concentrate)

SPECIFIC GRAVITY (H₂O=1): 0.87 (Concentrate)

% VOLATILE BY WEIGHT: 70%

% VOC: Less than 10% by weight

VAPOR DENSITY (AIR=1): >1

EVAPORATION RATE (BA=1): >1

SOLUBILITY IN WATER: Slight

REACTIVITY IN WATER: None

APPEARANCE & ODOR: Concentrate is a white liquid with a characteristic odor.

10. STABILITY AND REACTIVITY:

STABILITY: Stable, avoid ignition sources and excessive heat.

INCOMPATIBILITY: Nitric plus Acetic Acids, Nitric plus Sulfuric Acid, Amines, Strong Oxidizing Agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION:

CARCINOGENICITY: Contains no known suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH

12. ECOLOGICAL INFORMATION:

No available data.

13. DISPOSAL CONSIDERATIONS:

Do not incinerate closed or empty containers. Dispose of all the waste material according to applicable federal, state, and local regulations.

14. TRANSPORT INFORMATION:

DOT Information – 49CFR172.101

Shipping Name:

Hazard Class:

Identification #:

Packing Group:

Bulk

Paint

3

UN1263

II

IATA

Shipping Name:

Hazard Class:

Identification Number:

Packing Group:

Bulk

Paint

3

UN1263

II

15. REGULATORY INFORMATION:

TSCA (Toxic Substance Control Act): All chemical components of this product are listed on the TSCA Inventory.

CERCLA (Comprehensive Response Compensation, and Liability Act): Acetone CAS#67-64-1, reportable quantity 5,000 lbs.; Xylene CAS#1330-20-7, reportable quantity 100 lbs.

SARA TITLE III (Superfund Amendments and Reauthorization Act), SECTION 311/312 Hazard Class – 40CFR370.2: Immediate (X), Delayed (X), Fire (X), Reactive (), Sudden release of pressure (X). SECTION 313 (Reportable Ingredients): Xylene (CAS #1330-20-7)

CALIFORNIA PROPOSITION 65: Contains nothing on this list.

16. OTHER INFORMATION:

PREPARED BY: Deborah A. Shreve

TITLE: Vice President/Director of Quality Control

ISSUE DATE: January 12, 2011

SUPERSEDES DATE: January 11, 2010

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