

MSDS - Material Safety Data Sheet**Product Name: Dischaps(tm) Fluorescent Invisible Coin Lacquer**

MSDS No.: UFM200

I. Basic Information:

Manufacturer: Sirchie Finger Print Laboratories

Address: 100 Hunter Place

City, ST Zip: Youngsville, NC 27596

Emergency Contact: ChemTrec

Emergency Telephone Number: 800-424-9300

Contact: Tech Support

Information Telephone Number: 919-554-2244

Last Update: 02/02/2011

Expiration Date:

Chemical State: Liquid Gas SolidChemical Type: Pure Mixture

2	Health
4	Flammability
1	Reactivity
H	Pers. Protection

II. Ingredients: Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB Z	313					
111762	2-Butoxy ethanol	18							20 ppm	20 ppm	
78831	2-Methyl-1-propanol	12							50 ppm	50 ppm	
100414	Ethyl benzene	0.7							100 ppm	100 ppm	69.80 F
110430	Methyl n-amyl ketone	23							100 ppm	50 ppm	
64742898	Mineral spirits	14							300 ppm	300 ppm	
64742898	Solvent naphtha (petroleum), light aliphatic	16							300 ppm	300 ppm	
108883	Toluene	11					X		100 ppm	100 ppm	45 F
1330207	Xylene	4							100 ppm	100 ppm	81 F

III. Hazardous Identification:

Hazard Category:

 Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Flammable! May be fatal or cause blindness if ingested. Harmful if inhaled. Respiratory tract irritant. Skin and eye irritant. May cause nervous system depression.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

IV. First Aid Measures:

Route(s) of Entry:

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

Acute overexposure can cause damage to kidneys, blood, nerves, liver, and lungs.

Chronic overexposure can cause damage to kidneys, blood, nerves, liver, and lungs.

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Signs and Symptoms:

Inhalation: Anesthesia, headache, dizziness, nausea, uncoordination

Ingestion: Nausea, vomiting, diarrhea

Skin: Redness, itching, burning

Eyes: Redness, tearing, blurred vision, itching, burning

Medical Conditions Generally Aggravated by Exposure:

Skin, eye, respiratory, liver, kidney diseases

Emergency and First Aid Procedures:

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen (To be administered by qualified medical personnel only!) Keep victim warm and quiet. Get medical attention.

Ingestion: DO NOT induce vomiting. If victim is conscious and alert, give 2-4 cups of water. (Never give anything by mouth to an unconscious person!) Get medical attention immediately.

Skin: Flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Seek medical attention.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Do not allow victim to rub or keep eyes closed. Get medical aid immediately.

Other Health Warnings:

V. Fire Fighting Measures:

Flash Point: 22 F

Lower Explosive Limit: N/A

Upper Explosive Limit: 12.7

F.P. Method:

Fire Extinguishing Media: Carbon dioxide, foam, dry chemical

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing. Water may be ineffective, but may be used to cool fire-exposed containers and to protect firefighters. Use fog nozzles if water is used.

Unusual Fire and Explosion:

Closed containers may explode if exposed to extreme heat.

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Wear vapor respirator, safety goggles, and rubber gloves. Remove sources of ignition (i.e. open flames, sparks). Stop spill at source. Dike area and contain. Soak up with inert absorbent material (do not use flammable substances such as sawdust). Ventilate spill site. Dispose according to local, state, and federal regulations.

VII. Handling and Storage:

Precautions to be Taken:

Keep in tightly closed container. Keep container upright. DO NOT store above 120 F. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Electrically bond and ground all containers and equipment before transfer or use of material. Use only in well-ventilated areas. DO NOT smoke while using this product. Avoid free-fall of liquid. Avoid contact with skin and eyes. Avoid inhalation. Wash thoroughly after handling.

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Other Precautions:

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Use only in well-ventilated areas.

Personal Protective Equipment:

Safety goggles, gloves, vapor respirator, protective clothing

IX. Physical and Chemical Properties:

Boiling Point: 222-395 F

Melting Point: NA

Evaporation Rate (Butyl Acetate = 1): NE

Vapor Pressure (mm Hg.): N/A

Specific Gravity (H2O = 1): 0.82000

Vapor Density (AIR = 1): >1

Solubility In Water: N/A

Appearance and Odor: Pale yellow liquid; aromatic odor

Other Information: Clear liquid. Solvent odor.

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Strong oxidizing agents, ignition sources (heat, open flame, spark)

Decomposition/By Products:

Carbon dioxide and monoxide

Hazardous Polymerization:

Will not occur.

XI. Toxicological Information:

Prolonged overexposure may lead to brain and central nervous system damage.
IARC: Ethylbenzene: Possible carcinogen.

Toluene: LD50/5000 mg/kg

XII. Ecological Information:

Prevent from entering sewers or waterways. May be toxic to some aquatic life.

XIII. Disposal Considerations:

Waste from this product may be hazardous as defined under the Resource Conservation & Recovery Act (RCRA) 40 CFR 261. Waste should be tested for ignitability to determine the applicable EPA hazardous waste numbers. DO NOT incinerate closed container. Dispose according to local, state, and federal regulations regarding pollution.

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XIV. Transport Information:

Keep in tightly closed container. Keep container upright. DO NOT transport above 120 F. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Electrically bond and ground all containers and equipment before transfer or use of material. Avoid free-fall of liquid. Avoid contact with skin and eyes. Avoid inhalation. Wash thoroughly after handling.

IATA

Shipping name: Paint related material

Hazard class: 3

UN no.: 1263

Packing group: II

Flammable liquid!

XV. Regulatory Information:

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

XVI. Other Information:

Using this product under normal, properly instructed procedures should not be hazardous.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes.