

MSDS - Material Safety Data Sheet**Product Name: YELLOWescent Fluorescent Latent Print Powder**

MSDS No.: LL705

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: 01/27/2011

Expiration Date:

Chemical State: Liquid Gas SolidChemical Type: Pure Mixture

| | |
|---|------------------|
| 1 | Health |
| 1 | Flammability |
| 1 | Reactivity |
| F | Pers. Protection |

II. Ingredients: Trade Secret

| CAS No. | Chemical Name | % Range | EHS | | IARC | | SARA | | OSHA PEL | ACGIH TLV | Other Limits |
|---------|--------------------------|---------|-----|--|-------|-----|------|--|----------|-----------|--------------|
| | | | NTP | | SUB Z | 313 | | | | | |
| 0 | Lycopodium | 5 | | | | | | | NE | NE | |
| 0 | Saturn yellow AX pigment | 95 | | | | | | | NE | NE | |

III. Hazardous Identification:

Hazard Category:

 Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

May be dangerous if ingested. Respiratory tract irritant. Skin irritant. Severe eye irritant.

IV. First Aid Measures:

Route(s) of Entry:

Inhalation, ingestion, skin, eyes

Health Hazards (Acute and Chronic):

Chronic: Dermatitis, respiratory sensitization

Signs and Symptoms:

Eyes: Inflammation, redness, watering, itching

Medical Conditions Generally Aggravated by Exposure:

Skin, eye, respiratory diseases

Emergency and First Aid Procedures:

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Inhalation: Remove to fresh air. If breathing becomes difficult, give oxygen (To be administered by qualified medical personnel only!) If breathing stops, perform artificial respiration. Seek medical attention.

Ingestion: If victim is conscious and alert, give large quantities of water or milk. (Never give anything by mouth to an unconscious person!) Induce vomiting. Lower the head so that the vomit will not re-enter the mouth and throat. Seek medical attention.

Skin: Wash with soap and water. If irritation occurs, seek medical attention.

Eyes: Rinse with plenty of water for 15 minutes. Seek medical attention. DO NOT use an eye ointment.

Convulsions: Do not restrain the victim, but do remove objects with which they might injure themselves; or, orient the victim to prevent them from striking fixed heavy objects. If the convulsions cease, turn the victim on their side or face down, so that any fluid in the mouth can drain.

Other Health Warnings:

V. Fire Fighting Measures:

Flash Point: NE

Lower Explosive Limit: NE

Upper Explosive Limit: NE

F.P. Method:

Fire Extinguishing Media: Dry chemical, water spray or fog

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing. Cool containers with water jet in order to prevent pressure build-up, autoignition, or explosion.

Unusual Fire and Explosion:

Can pose dust explosion hazard if dispersed in air.

VI. Accidental Release Measures:

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

Wear dust respirator, safety goggles, and rubber gloves. Sweep up and place in bag or vacuum up with proper filter equipped instrument. Avoid creating dust. Ventilate and wash spill site after collecting solid. Dispose according to local, state, and federal regulations.

VII. Handling and Storage:

Precautions to be Taken:

Keep in tightly closed container. Keep cool and dry. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Ground all equipment containing material. Avoid dust creation and accumulation. Use only in well-ventilated areas. Avoid inhalation and ingestion. Avoid contact with eyes. Wash thoroughly after handling.

Other Precautions:

DO NOT wear contact lenses when using this material.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Use only in well-ventilated areas.

Personal Protective Equipment:

Safety goggles, gloves, dust respirator, protective clothing

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IX. Physical and Chemical Properties:

Boiling Point: NE

Melting Point: NE

Evaporation Rate (Butyl Acetate = 1): NE

Vapor Pressure (mm Hg.): NE

Specific Gravity (H₂O = 1):

Vapor Density (AIR = 1): NE

Solubility In Water: Insoluble

Appearance and Odor: Yellow powder

Other Information:

X. Stability and Reactivity:

Stability:

Stable

Incompatibility (Materials to Avoid):

Ignition sources (heat, open flame, spark), strong oxidizers

Decomposition/By Products:

Oxides of carbon, nitrogen, sulfur

Hazardous Polymerization:

Will not occur.

XI. Toxicological Information:

Saturn yellow AX pigment contains less than 0.1% free formaldehyde and may be capable of outgassing formaldehyde at levels in excess of OSHA's action level under some conditions of use.

XII. Ecological Information:

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

XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

XIV. Transport Information:

Keep in tightly closed container. Keep cool and dry. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Ground all equipment containing material. Avoid dust creation and accumulation. Avoid inhalation and ingestion. Avoid contact with eyes. Wash thoroughly after handling.

XV. Regulatory Information:

Lycopodium is hazardous by definition of OSHA Hazard Communication Standard (29 CFR 1910.1200).

XVI. Other Information:

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

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