

SpotPen, Inc.
 Rt. 1 Box 97
 Orlando, OK 73073
 580-864-7753

MATERIAL SAFETY DATA SHEET

This information is to the best of the company's knowledge and is believed accurate based on information currently available to us. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

SECTION 1-MATERIAL IDENTIFICATION

Material/Trade Name: SpotPen Handcoloring Pens
 SpotPen Retouching Pens

EMERGENCY TELEPHONE
 580-864-7753 or
 Poison control

Synonyms: None

Chemical Family/Formula: Proprietary Dye Formulation

CAS Number: N/A

SECTION 2 - INGREDIENTS

<u>Composition</u>	<u>CAS</u>	<u>% TLV</u>
n/a	n/a	n/a

SECTION 3 - PHYSICAL DATA

Boiling Point, 20 mm Hg: 387°F (197°C)
 Specific Gravity (H₂O=1): 1.1 @25°C
 Vapor Pressure, mm Hg: <1
 Vapor Density, Air=1: >1
 Appearance and Odor: black liquid, mild odor

Volatiles, % by Volume: >80%
 Solubility in H₂O, % by Volume: soluble
 Evaporation Rate, Butyl Acetate=1: <1

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point (Method Used): 243°F (117°C) (COC) LEL: 15.3% UEL: 3.2%
 Flammability Limits: 748°F (398°C)

Extinguishing Media: Dry chemical, carbon dioxide, water spray or foam. For larger fires, use water spray, water fog or alcohol foam.

MSDS -- SpotPen
CAS #: N/A

Alcohol foam: NFPA 325M, Fire Hazard Properties of Flammable Liquids, Gases, and Volatile Solids, 1991.

Special Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus to protect against potential toxic and irritating fumes. Move container from fire area if you can without risk. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal (1993 Emergency Response Guidebook, RSPA P 5600.5, Guide Page 31). Avoid breathing hazardous vapors, keep upwind.

Unusual Fire and Explosion Hazards: Water or foam may cause frothing (NFPA 325M, Fire Hazard Properties of Flammable Liquids, Gases, and Volatile Solids, 1991).

SECTION 5 - REACTIVITY DATA

Stability: X Stable ___ Unstable

Hazardous Polymerization: ___ May Occur X Will Not Occur

Conditions and Materials to Avoid: Strong bases, strong oxidizing agents, ammonium dichromate, chlorosulfonic acid, chromium trioxide, dimethyl terephthalate + titanium butoxide, oleum, perchloric acid, phosphorus(V) sulfide, potassium dichromate, potassium permanganate, silver chlorate, silvered copper wire, sodium chlorite, sodium peroxide, sulfuric acid, and uranyl nitrate.

Hazardous Decomposition Products: Combustion produces carbon dioxide, carbon monoxide oxides of nitrogen, and other potentially toxic and irritating fumes.

SECTION 6 - OCCUPATIONAL EXPOSURE LIMITS

No TLV has been set for this product. Inhalation of any material is unlikely at room temperature, due to the vapor pressure. As with all industrial materials, exposure of this product to the skin and eyes should be avoided.

SECTION 7 - HEALTH INFORMATION

Inhalation hazard is negligible unless heated to produce vapors or as a mist. Vapors or finely misted materials may irritate the mucous membranes and cause irritation, dizziness and drowsiness. Remove to fresh air.

Eye contact may cause irritation and redness, but no permanent damage.

Prolonged or repeated contact with the skin may cause irritation of the hair follicles and block sebaceous glands, causing rash, acne or dermatitis.

Ingestion of 100 mL or more of this product may stimulate the central nervous system followed by depression, cause cardioresperatory failure, or renal failure. Induce vomiting in a conscious person. Seek immediate medical attention.

MSDS -- SpotPen
CAS #: N/A

SECTION 8 - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention if symptoms persist.

Skin: Wash exposed areas of the body with soap and water.

Inhalation: Remove from exposure area to fresh air immediately. Seek medical attention if symptoms persist.

Ingestion: Induce vomiting in a conscious person. Seek medical attention.

SECTION 9 - EMPLOYEE PROTECTION

Respiratory Protection: At minimum, a full facepiece with an organic vapor cartridge respirator should be worn.

Protective Clothing: Safety glasses, goggles or face shield recommended to protect eyes from mists or splashing. Neoprene or rubber gloves recommended to prevent skin contact.

Other Protective Measures: Employees must practice good personal hygiene, washing exposed areas of the skin several times daily and laundering contaminated clothing before re-use.

SECTION 10 - ENVIRONMENTAL PROTECTION

Spill Clean-Up Procedures: Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials such as paper towels, "Oil Dry", sand or dirt. Clean spill area with detergent and water.

Waste Disposal: Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent materials may be disposed of in an approved land fill. Follow local, state and federal disposal regulations.

Environmental Hazards: None.

SECTION 11 - SPECIAL PRECAUTIONS

Store in a cool, dry place. Keep containers tightly closed when not in use. Keep away from oxidizing agents, excessive heat and ignition sources. Store and use in well ventilated areas.

MSDS -- SpotPen
CAS #: N/A

SECTION 12 - TRANSPORTATION REQUIREMENTS

This proprietary dye formulation is not regulated by DOT and holds no special requirements in transportation.

SECTION 13 - OTHER REGULATORY CONTROLS

If questions arise, consult with Environmental Protection Agency.