

MSDS Reference Number(s): IL2

MATERIAL SAFETY DATA SHEET

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SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name Identifier:

ISO Laser Ink (Red)

Supplier Name: Sterling Marking Products Inc.
Street Address: 349 Ridout St. N.,
City and Province: London, Ontario
Postal Code: N6A 2N8

Telephone Numbers: (519) 434-5785, (800) 265-5957
Fax Number: (519) 434-9516, (800) 667-6600
Webpage: <http://www.sterling.ca>

Emergency Telephone Number: CANUTEC (613) 996-6666; Cellular *666

Material Use: Ink

TDG Shipping Information:

Not regulated

WHMIS Classification:

Class D, Division 2B - Skin/Eye Irritant

IATA Shipping (Air):

Not regulated

SECTION II - HAZARDOUS INGREDIENTS

Component	CAS Registry	Toxicology	Concentration % (w/w)
2-Ethyl-1,3-hexanediol	94-96-2	TLV: Not available L _D 50: Not available L _C 50: Not available	40-50
Hexylene Glycol	107-41-5	ACGIH TLV-TWA 25 ppm ceiling L _D 50: Not available L _C 50: Not available	10-20
Chromium (III)	7440-47-3	ACGIH TLV-TWA 1 mg/m3 L _D 50: Not available L _C 50: Not available	0.18

Note: All ingredients are listed on the Domestic Substances List (DSL) and the Toxic Substances Control Act (TSCA) list.

SECTION III - PHYSICAL DATA

Physical State: Liquid
Specific Gravity: 0.9-1.1
Colour: Red
Odour: Mild characteristic
Solubility in Water: Negligible

% Volatile: Not available
Boiling Point (°C): 244.2
Flash Point (°C): 275
Evaporation rate: Slower



SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Not flammable
LEL (% vol) lowest value of components: Not available
UEL (% vol) highest value of components: Not available
Flash Point (°C TCC): 275
Hazardous Combustion Products: Oxides of carbon
Means of Extinction: Carbon dioxide, dry chemical, alcohol foam

SECTION V - REACTIVITY DATA

Stability: Stable
Incompatibility: Oxidizing materials
Hazardous Decomposition Products: Oxides of carbon.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin
Effects of Acute Exposure:
Eye: Can cause irritation, redness, tearing and blurred vision.
Skin: Prolonged or repeated contact can cause minor skin irritation.
Inhalation: None expected
Ingestion: Not expected to be a route of entry
Effects of Chronic Exposure:
Skin: Prolonged or repeated contact can cause minor skin irritation.
Inhalation: None expected
Irritancy: Hazardous by WHMIS criteria
Respiratory Tract Sensitization: Insufficient data available
Carcinogenicity: Formaldehyde 50-00-0 <0.005%
Synergistic Materials: No information available
Reproductive Effects: Insufficient data available
Teratogenicity: Insufficient data available
Mutagenicity: This product contains a naphthalimide dye that may exhibit mutagenic activity based on OSAR (computer) modeling related to chemical structure.

SECTION VII - PREVENTATIVE MEASURES

Gloves: Solvent impermeable gloves are required for repeated or prolonged contact.
Eye Protection: Wear safety glasses meeting the specification of ANSI Z87.1 where no contact with the eye is anticipated.
Chemical safety goggles meeting the specifications of ANSI Z87.1 should be worn whenever there is a possibility of splashing or other contact with the eyes.
Respiratory Protection: None required.
Other Protective Equipment: As necessary to avoid prolonged contact.
Engineering Controls: None required.



Leak and Spill Procedure: Before attempting clean-up, refer to hazard data given above. Keep spectators away. Eliminate all ignition sources. Dike and contain small spills with an inert material and placed in suitable, covered labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Waste Disposal: Review federal, provincial and local government requirements prior to disposal.

Storage Requirements: Store in a tightly closed container. Store away from incompatible materials. Store in a cool, dry, well-ventilated area. Ensure storage area has adequate ventilation, and no source of open flame or sparks. Limit quantity of the material in storage. Ensure all bottles are properly labeled.

SECTION VIII - FIRST AID

Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Eye: Immediately flush eyes with a directed stream of water for atleast 20 minutes, while holding eyelids open. If irritation or redness develops or persists, get medical attention.

Skin: Flush affected areas with large amounts of water, remove contaminated clothing. Wash affected areas thoroughly with soap and water. If irritation or redness develops or persists, get medical attention.

Inhalation: Remove victim to fresh air. If breathing difficulties develop, administer oxygen and get medical attention. If victim is not breathing, administer artificial respiration and get medical attention.

Ingestion: DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs (Aspiration pneumonitis can be fatal). If victim conscious and alert, give victim lukewarm water. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. GET IMMEDIATE MEDICAL ATTENTION.

SECTION IX - PREPARATION AND ADDITIONAL INFORMATION

Prepared by: Sterling Marking Products Inc.
Quality Planning and Engineering Department
349 Ridout St., N.
London, Ontario N6A 5S4

Supersedes: November 29, 2007
Revision Date: April 1, 2013

Expires: 01-Apr-2016

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that user of this material has been fully trained according to the mandatory requirements of WHMIS. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8276) or CSST in Montreal, Quebec (514-873-3990).

