

**MATERIAL SAFETY DATA SHEET**

**SECTION I - MATERIAL IDENTIFICATION AND USE**

**Material Name Identifier:**

**7134 Black Ink**

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 2A - Very Chronically Toxic (Contains Carbon black)  
 Class D, Division 2B - Skin/Eye Irritant

**IATA Shipping (Air):**

Not regulated

**SECTION II - HAZARDOUS INGREDIENTS**

Component	CAS Registry	Toxicology	Concentration % (w/w)
Carbon black	1333-86-4	ACGIH TLV-TWA 3.5 mg/m3 L <sub>D</sub> 50: >15400 mg/kg L <sub>C</sub> 50: Not Available	6.25
Mineral Oil	8042-47-5	TLV: Not Available L <sub>D</sub> 50: Not Available L <sub>C</sub> 50: Not Available	10-20
Basic Blue	NL	TLV: Not Available L <sub>D</sub> 50: Not Available L <sub>C</sub> 50: Not Available	1.2

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

**SECTION III - PHYSICAL DATA**

**Appearance:** Black foam  
**Specific Gravity:** 0.9 – 1.0  
**Colour:** Black  
**Evaporation Rate** (n-Butyl acetate = 1): Slower

**Vapour Density:** Heavier than air  
**Boiling Point** (°C): >149  
**Solubility in Water** (20 °C): Negligible  
**Odour:** slight

**SECTION IV - FIRE AND EXPLOSION DATA**

**Flammability:** Not flammable

**Flash Point** (°C TCC): >94

LEL (% vol) lowest value of components: Not established  
UEL (% vol) highest value of components: Not established  
**Hazardous Combustion Products:** Oxides of carbon, oxides of nitrogen, and other organic combustion products.  
**Means of Extinction:** Water spray, carbon dioxide, dry chemical  
**Unusual Fire and Explosion Hazards:** May emit toxic gases  
**Special Firefighting Procedures:** Wear self-contained breathing apparatus and protective clothing

## SECTION V - REACTIVITY DATA

**Stability:** Product is stable.  
**Incompatibility:** Strong oxidizing agents, Temperature extremes  
**Hazardous Decomposition Products:** Oxides of carbon, oxides of nitrogen, and other organic combustion products.  
**Hazardous Polymerization:** Will not occur

## SECTION VI - TOXICOLOGICAL PROPERTIES

### Effects of Acute Exposure:

**Eye:** May be irritating.

**Skin:** May be irritating.

**Inhalation:** Not an expected route of exposure.

**Ingestion:** Not an expected route of exposure.

### Effects of Chronic Exposure:

None known or expected.

**Irritancy:** Hazardous by WHMIS criteria

**Respiratory Tract Sensitization:** Insufficient data available

**Carcinogenicity:** This product contains Carbon black [CAS #1333-86-4], which has been found by IARC (International Agency for Research on Cancer) to be a Group 2B carcinogen (I.e. Probably carcinogenic to humans).

**Synergistic Materials:** Insufficient data available

**Reproductive Effects:** Insufficient data available

**Teratogenicity:** Insufficient data available

**Mutagenicity:** None of the ingredients used have tested positive in the Ames Test.

## 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 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 should be needed under normal use and conditions with stated ventilation.

**Other Protective Equipment:** As necessary to avoid prolonged contact.

**Engineering Controls:** General mechanical ventilation sufficient under normal use.

**Leak and Spill Procedure:** Contain spills with rags of dry absorbent. Use a suitable ink cleaner to remove any residue. Wear protective gloves to minimize skin contact.

**Waste Disposal:** Discard waste while observing all local, state and federal regulations.

**Storage Requirements:** Keep containers closed when not in use.

## 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:** Any material that contacts the eye should be immediately flushed with water, lifting the upper and lower lids. Get immediate medical attention if any symptoms of over exposure occur.

**Skin:** Wash immediately with soap and water. Apply skin cream if irritated. Get medical attention if symptoms of over exposure occur.

**Inhalation:** Not an expected route of exposure. If symptomatic, move to fresh air. Get medical attention if symptoms persist.

**Ingestion:** Not an expected route of exposure. If ingested, seek 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 2N8

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**Expires: 27-Mar-12**

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).