

MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name Identifier:

Brother Inks (Black, Blue, Red)

Supplier Name: Sterling Marking Products Inc. Webpage: <http://www.sterling.ca>
 Street Address: 349 Ridout St. N., P.O. Box 5055
 City and Province: London, Ontario Postal Code: N6A 5S4
 Telephone Numbers: (519) 434-5785, (800) 265-5957 Fax Number: (519) 434-9516, (800) 667-6600
 Emergency Telephone Number: Poison Control Centre _____
 Material Use: **Ink**

TDG Shipping Information: Not regulated

WHMIS Classification:

Black Ink Only: Class D, Division 2A - Very Chronically Toxic

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 LD50: >15400 mg/kg (oral, rat) LC50: Not available	0-20% (Black ink, only; all other inks do not contain any hazardous ingredients)
Mineral Oil	8012-95-1	ACGIH TLV-TWA 5 mg/m3;STEL 10 mg/m3 LD50: Not available LC50: Not available	0-20

SECTION III - PHYSICAL DATA

Physical State: Liquid	% Volatile: Not available
Specific Gravity: Not available	Boiling Point (°C): Not available
Colour: Various	Odour: Oily
Viscosity: Not available	Solubility in Water (20 °C): Almost insoluble
Clarity: Opaque	Flash Point (°C): 150

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Not flammable Flash Point (°C TCC): 150
 LEL (% vol) lowest value of components: Not available
 UEL (% vol) highest value of components: Not available
Hazardous Combustion Products: Product does not support combustion.

SECTION V - REACTIVITY DATA

Stability: Stable
 Incompatibility: None known
 Hazardous Decomposition Products: Oxides of carbon.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin, Ingestion
Effects of Acute Exposure:
Eye: None currently known.
Skin: None currently known.
Ingestion: None currently known.

Effects of Chronic Exposure:

None currently known.

Irritancy: Hazardous by WHMIS criteria

Respiratory Tract Sensitization: Insufficient data available

Carcinogenicity: The black ink of this product contains Carbon Black [CAS #1333-86-4], which is listed by the International Agency for Research on Cancer as a Group 2B carcinogen (Possibly carcinogenic to humans).

Synergistic Materials: Insufficient data available

Reproductive Effects: Insufficient data available

Teratogenicity: Insufficient data available

Mutagenicity: Insufficient data available

SECTION VII - PREVENTATIVE MEASURES

Gloves: Not required for general use.

Eye Protection: Not required for general use.

Respiratory Protection: Not required for general use.

Engineering Controls: None specified.

Waste Disposal: Review federal, provincial and local government requirements prior to disposal. Use a licensed waste treatment facility or reclaimer.

Storage Requirements: Avoid high temperatures/high humidity. Store in dark and cool place. Keep container in an upright position. Keep product away from water or chemicals. Keep out of reach of children.

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: Flush with clean water and consult doctor if irritation occurs.

Skin: Wash with soap and water. If symptoms occur, consult a doctor immediately.

Inhalation: Not an expected route of exposure. 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. GET IMMEDIATE MEDICAL ATTENTION.

SECTION IX - PREPARATION AND ADDITIONAL INFORMATION

Prepared by: Sterling Marking Products Inc.
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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).