

Part Number(s): 1039-1, 1039-2, 1039-4, 1039-8, 1039-16, 1039-32

**MATERIAL SAFETY DATA SHEET**

**SECTION I - MATERIAL IDENTIFICATION AND USE**

Material Name Identifier:

**1039 – Repeater Hand Identification 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>  
 E-Mail: [sales@sterling.ca](mailto:sales@sterling.ca)

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

Material Use: Ink

**TDG Shipping Information:**

**Product Identification Number: UN 1210**

**Shipping Name: Printing Ink**

**Class: 3 Packing Group: III**

**WHMIS Classification:**

Class B2– Flammable Liquids  
 Class D Division 2B – skin/eye irritant

**IATA Shipping (Air):**

**Printing Ink**

**Packaging Instruction for Limited Quantity: Y344**

**Maximum Net Quantity (per outer package): 10 L**

Refer to Pkg. Inst. No. for inner packaging type and maximum quantity per inner package. DGR – 54<sup>th</sup> edition

**SECTION II - HAZARDOUS INGREDIENTS**

Component	CAS Registry	Toxicology	Concentration % (w/w)
Stansol Regular (0801)	Not Available	TLV: Not Available L <sub>D</sub> 50: 5628mg/kg (rat, oral) L <sub>C</sub> 50: 64M ppm/4Hr methanol, 20M/ 10Hr ethanol (rat, inhalation)	85-95
Bleached Shellac	Not Available	TLV: Not Available L <sub>D</sub> 50: Not Available L <sub>C</sub> 50: Not Available	3-5
Coloured Dyes	Not Available	TLV: Not Available L <sub>D</sub> 50: Not Available L <sub>C</sub> 50: Not Available	1-3
Inert	Not Available	TLV: Not Available L <sub>D</sub> 50: Not Available L <sub>C</sub> 50: Not Available	>=1

**SECTION III - PHYSICAL DATA**

Physical State: Liquid  
 Specific Gravity: (20C):0.79

% Volatile: 100  
 Boiling Point (°C): 74-80



Colour: Colourless Viscosity: Viscous Clarity: opaque	Odour: Odour of wood alcohol Solubility in Water (%): 100 Flash Point (°C TCC): 15
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#### SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Flammable  
LEL (% vol) lowest value of components: 2.0  
UEL (% vol) highest value of components: 36  
Flash Point (°C TCC): 15  
Hazardous Combustion Products: Carbon Monoxide and/or Carbon Dioxide on burning.  
Means of Extinction: Carbon Dioxide, Dry Chemical or Alcohol Foam. Water may be ineffective but should be used to cool containers.

#### SECTION V - REACTIVITY DATA

Stability: Stable  
Incompatibility: Oxidizing Agents  
Hazardous Decomposition Products: Carbon Monoxide and/or Carbon Dioxide on burning.  
Reactivity: Avoid heat, sparks and other ignition sources.

#### SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin, Ingestion, Inhalation  
Effects of Acute Exposure:  
**Eye:** May cause irritation.  
**Skin:** Repeated/prolonged contact may cause dryness and irritation  
**Inhalation:** Extremely high levels may cause narcosis, headache, nausea, giddiness and loss of consciousness.  
**Ingestion:** Ingestion causes central nervous system and internal organ damage, may lead to blindness and death.  
Effects of Chronic Exposure:  
Repeated exposure by inhalation or absorption may cause systematic poisoning.  
**Irritancy:** Hazardous  
**Respiratory Tract Sensitization:** Not hazardous by WHMIS criteria.  
**Carcinogenicity:** Not hazardous by WHMIS criteria.  
**Synergistic Materials:** No Data.  
**Reproductive Effects:** Not hazardous by WHMIS criteria.  
**Teratogenicity:** Not hazardous by WHMIS criteria.  
**Mutagenicity:** Not hazardous by WHMIS criteria.

#### SECTION VII - PREVENTATIVE MEASURES

**Gloves:** None required. Optional for sensitive skin. Wash hands after handling.  
**Eye Protection:** For extra protection, wear safety goggles.  
**Respiratory Protection:** Organic Cannister Mask – air supplied respirator if exposure is constant in enclosed area – poor ventilation.  
**Other Protective Equipment:** Eye wash fountain in the immediate work area.  
**Engineering Controls:** Local exhaust is sufficient.  
**Leak and Spill Procedure:** Eliminate heat and ignition sources. Provide adequate ventilation. Small spills may be flushed with water. Larger spills should be pumped into explosion-proof containers for storage before disposal.  
**Waste Disposal:** Review federal, provincial and local government requirements prior to disposal.  
**Storage Requirements:** Keep in cool place. Keep product in original container.

**SECTION VIII - FIRST AID**

**Eye:** Flush with large amounts of water for at least 15 minutes. Obtain medical attention if irritation persists.

**Skin:** Remove contaminated clothing and flush skin with plenty of water. Obtain medical attention if irritation persists.

**Inhalation:** Remove victim from contaminated area- restore breathing if stopped and administer oxygen if breathing is difficult.

**Ingestion:** If victim is alert and not convulsing, give ½ to 1 glass of water to dilute material. **DO NOT INDUCE VOMITTING.** If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus. Attain medical attention immediately.

**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

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**Expires: 29-Jan-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).