

**MATERIAL SAFETY DATA SHEET**

**SECTION I - MATERIAL IDENTIFICATION AND USE**

**Material Name Identifier:**

**Versaprint Maintenance Spray**

**Product Code: X31003-001**

Supplier Name: Sterling Marking Products Inc.  
Street Address: 349 Ridout St. N.,  
City and Province: London, Ontario  
Telephone Numbers: (519) 434-5785, (800) 265-5957  
Emergency Telephone Number: Poison Control  
Centre \_\_\_\_\_  
Material Use: Maintenance Spray

Webpage: <http://www.sterling.ca>  
P.O Box 5055  
Postal Code: N6A 5S4  
Fax Number: (519) 434-9516, (800) 667-6600

**WHMIS Classification:**

Not Regulated

**SECTION II - HAZARDOUS INGREDIENTS**

Component	CAS Registry	Toxicology	Concentration % (w/w)
Polyalkylene glycol alkyl ether	Proprietary	TLV: Not available LD50: Not available LC50: Not Available	100

**SECTION III - PHYSICAL DATA**

Physical State: Liquid	pH: Not available
Specific Gravity: 0.965	Boiling Point (°C): 243
Colour: None	Odour: Ether
Viscosity: 5.5 cps (@ ~25°C)	Solubility in Water (20 °C): 100%
Clarity: Transparent	Vapor Density: 7.15
Vapour Pressure: 0.01 mm Hg	Evaporation Rate (n-butyl acetate = 1): <1
Autoignition Temperature (°C): 277	

**SECTION IV - FIRE AND EXPLOSION DATA**

Flammability: Not flammable  
LEL (% vol) lowest value of components: 1.5%  
UEL (% vol) highest value of components: 10.9%  
Hazardous Combustion Products: Oxides of carbon  
Means of Extinction: Dry chemical, carbon dioxide, water spray, water fog, foam or alcohols.  
Special Fire Fighting Procedures: Use self-contained breathing equipment to protect against potential toxic and irritating contaminants that may be present in decomposed products. Dike liquids to prevent run-off to waterways and sewers. Collect and dispose of properly.  
Unusual Fire & Explosion Hazards: Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.

Flash Point (°C TCC): 121

**SECTION V - REACTIVITY DATA**

**Stability:** May react with oxygen to form peroxides, but has much less peroxide-forming potential than diethyl ether, for example.

**Incompatibility:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Oxides of carbon, aldehydes, ketones, organic acids.

**SECTION VI - TOXICOLOGICAL PROPERTIES**

**Route of Entry:** Eye, Skin, Ingestion, Inhalation

**Effects of Acute Exposure:**

**Eye:** May cause mild irritation.

**Skin:** May cause mild irritation.

**Inhalation:** This material is not a serious acute hazard but may cause stomach upset if swallowed.

**Ingestion:** This material is not a serious ingestion hazard but may cause stomach upset when swallowed.

**Effects of Chronic Exposure:**

Very high doses may cause narcotic effects.

**Irritancy:** Hazardous by WHMIS criteria

**Respiratory Tract Sensitization:** Insufficient data available.

**Carcinogenicity:** Not hazardous by WHMIS criteria.

**Synergistic Materials:** No data available.

**Reproductive Effects:** Did not cause birth defects in the fetus even at maternally toxic doses.

**Teratogenicity:** Insufficient data available.

**Mutagenicity:** Negative in tests for mutagenicity.

**SECTION VII - PREVENTATIVE MEASURES**

**Gloves:** If contact likely, wear gloves.

**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 is normally needed in well-ventilated areas. Proper selection of respiratory protection depends upon many factors, including duration and level of exposure and conditions of use. In general, exposure to organic chemicals, such as those contained in this product, may not require the use of respiratory protection, if used in a well-ventilated area. In areas of restricted ventilation, a NIOSH approved organic vapour respirator may be required. Under certain conditions, such as spraying, a mechanical pre-filter may also be required. In confined areas, or in high exposure situations, a NIOSH/MSHA approved air-supplied respirator may be required. If the TLV's listed in Section II are exceeded, use a properly fitted NIOSH/MSHA approved respirator with an appropriate protection factor.

**Other Protective Equipment:** Safety shower and eye wash fountain in the immediate work area.

**Engineering Controls:** Room ventilation should be adequate.

**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**

**Eye:** Immediately flush eyes with plenty of cool water retracting the lids. After initial flush, remove contact lenses. Seek medical advice if irritation persists.

**Skin:** Wash with soap and water. Remove and launder contaminated clothing. In any case of persistent irritation, seek medical advice.

**Inhalation:** If exposed to excessive levels of vapor or mist, remove to fresh air. For difficulty breathing, give oxygen. Seek medical attention if cough or other symptoms develop.

**Ingestion:** Swallowing less than an ounce will not cause significant harm and does not require any emergency treatment. Nothing should be administered orally to a victim who is losing consciousness, unconscious or convulsing. Do not induce vomiting. For larger amounts, give one or two glasses of water to drink to a conscious patient. Seek medical advice.

**SECTION IX - PREPARATION AND ADDITIONAL INFORMATION**

**TDG Shipping Name:** Not regulated

**Product Identification Number:**

**Class: PG:**

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

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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).