

MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name Identifier:

All Weather Paintstik & Twist-Stik

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

TDG Shipping Information:

Not regulated

WHMIS Classification:

Class D, Division 2A - Very Chronically Toxic (Black & Grey Paintstiks, only)
 Class D, Division 2B - Eye Irritant

IATA Shipping (Air):

Not regulated
Packaging Instruction for Limited Quantity:
Maximum Net Quantity (per outer package):
 Refer to Pkg. Inst. No. for inner packaging type and maximum quantity per inner package.

SECTION II - HAZARDOUS INGREDIENTS

Component	CAS Registry	Toxicology	Concentration % (w/w)
Carbon black (Black & Grey Paintstiks, only)	1333-86-4	OSHA PEL C: 3.5mg/m3 (as dust)	2
Aluminum, elemental (Silver Paintstiks, only)	7429-90-5	ACGIH TLV Al Metal dust and as oxide: 10.0mg/m3, Al Welding fumes: 5.0mg/m3	14
Copper, elemental (Gold Paintstiks, only)	7440-50-8	OSHA PEL Cu Dust: 1mg/m3, Cu Fume: 0.1mg/m3 ACGIH TLV Cu As fume: 0.2mg/m3, Cu As dusts/mists: 1.0mg/m3	45
Linseed oil (All Paintstiks)	8001-26-1	TLV: Not available L _D 50: Not available L _C 50: Not available	0-40
Zinc, elemental (Gold Paintstiks, only)	7440-66-6	TLV: Not available L _D 50: Not available L _C 50: Not available	1.5

SECTION III - PHYSICAL DATA

Physical State: Cylindrical crayon – Solid	% Volatile: 0
Specific Gravity: >1	Boiling Point (°C): Not established
Colour: Various	Odour: Linseed Oil
Melting Point (°C): Approx. 66	Solubility in Water (20 °C): Insoluble
Partition Co-Efficient (n-Octanol/Water): >1 – Fat soluble	Flash Point (°C): 204

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Not flammable
Flash Point (°C TCC): 204
LEL (% vol) lowest value of components: Not established
UEL (% vol) highest value of components: Not established
Hazardous Combustion Products: Aldehydes (including acrolein) may be produced from atmospheric oxidation (drying).

SECTION V - REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: May occur
Incompatibility: High surface area exposure can result in release of heat while paint is polymerizing (drying). Rags and waste paper containing this product may burn spontaneously. Store wiping rags containing this product in metal containers with tight lids.
Hazardous Decomposition Products: Aldehydes (including acrolein) may be produced from atmospheric oxidation (drying).

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Inhalation, Ingestion
Effects of Acute Exposure:
Eye: Contact may cause mild eye irritation including stinging, watering, and redness. Irritating fumes may be produced during the paint drying process if exposed to large surface areas.
Inhalation: Irritating fumes may be produced during the paint drying process if exposed to large surface area.
Ingestion: Possible nausea or diarrhea if large amounts are ingested.
Effects of Chronic Exposure:
Skin: Prolonged or repeated contact can cause minor skin irritation.
Inhalation: Excessive inhalation of vapours can cause nasal and respiratory irritation.
Irritancy: Hazardous by WHMIS criteria
Respiratory Tract Sensitization: Not established.
Carcinogenicity: The black and the gray Band B3/8 Paintstiks, only, both contain Carbon black [CAS #1333-86-4], which is listed by IARC (International Agency for Research on Cancer) as a Group 2B carcinogen (Possibly Carcinogenic to Humans). The other colours of Band B3/8 Paintstiks do not contain ingredients that are carcinogenic by WHMIS criteria.
Synergistic Materials: Not established.
Reproductive Effects: Not established.
Teratogenicity: Not established.
Mutagenicity: Not established.

SECTION VII - PREVENTATIVE MEASURES

Gloves: None required.
Eye Protection: None required.
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. Use a licensed waste treatment facility or reclaimer.

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.

Special Precautions: Ground all equipment to prevent static discharge. Keep containers away from heat, sparks, and open flame. Wash thoroughly with soap and water after handling material.

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 15 minutes, while holding eyelids open. If irritation or redness develops or persists, get medical attention.

Skin: Not an expected route of exposure. 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. 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

Revision date: April 21, 2010

Expires: 21-Apr-13

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).