

Material Safety Data Sheet

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Solid Stick PaintMarker, No. 1, No. 1X and No. 1Z		OSHA classification: Not a controlled or hazardous material as defined by US OSHA HCS (29 CFR 1910.1200)	
		WHMIS classification: Not considered to be hazardous material as defined by Canadian WHMIS Controlled Product Regulation (CPR)	
Product Use: Marks on wet, dry, rusty, oily, rough and smooth surfaces from -50 °F to 150 °F			
Manufacturer/Supplier Name: IMC Marks, LLC			
Street Address: 7937 Wadsworth Road			
City: Guilford Twp.	State: OH	Country: USA	
Postal Code: 44256-9759	Telephone: 330-321-2768		

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients (specific)	%	CAS Number	OSHA	ACGIH
Linseed Oil	0-40	8001-26-1		
Copper ^{1,3,4,5,6} (Gold Solid Stick PaintMarker Only)	45	7440-50-8	TWA = 15mg/m ³	TWA = 10 mg/m ³
Carbon Black ^{3,4,5,6}	2	1333-86-4	TWA = 3.5 mg/kg	TWA = 3.5 mg/kg
Zinc ^{1,3,4,5} (Gold Solid Stick PaintMarker Only)	1.5	7440-66-6		

SECTION 3 – HAZARDS IDENTIFICATION

Combustion Hazard	Waste soaked with this product may spontaneously catch fire if improperly discarded. For industrial use only.
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 area.
Inhalation	Fumes produced during the paint drying process may be irritating if exposed to large surface area.

Carcinogenicity	ACGIH: Carbon Black has been identified by other sources as a suspected or confirmed human carcinogen. IARC: Carbon Black is not classifiable as a human carcinogen (Group 3); human evidence is inadequate; animal evidence is inadequate.
Target Organ Effects	None Applicable
Medical Conditions Aggravated by Long-Term Exposure	None Determined
Other Information	None Determined

SECTION 4 – FIRST AID MEASURES

Skin Contact	Use good industrial hygiene and wash skin with water & soap or industrial hand cleaner.
Eye Contact	Flush with water; seek medical attention if irritation persists.
Inhalation	Move away from source of exposure and into fresh air. Seek medical attention if discomfort occurs.
Ingestion	Seek medical attention if discomfort occurs. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

SECTION 5 – FIRE FIGHTING MEASURES

Flammable: YES	This product will burn if involved in a fire. Rags and waste paper containing this product may burn spontaneously.	
Extinguishing Media	Carbon Dioxide, Foam, Dry Chemical	
Flashpoint (°F) and Method Not Determined	Upper Flammable Limit (% by Volume) Not Determined	Lower Flammable Limit (% by Volume) Not Determined
Hazardous Combustion Products Carbon Monoxide, Carbon Dioxide	Auto ignition Data Not Determined	
Unusual Fire or Explosion Hazards	Rags and waste paper containing this product may burn spontaneously. Store wiping rags containing this product in metal containers with tight lids.	

Fire Fighting Instructions:	Keep personnel removed and upwind of any fire. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).
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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures	Use recommended personal protective equipment (see Section 8). Rags or waste paper containing this product may burn spontaneously. Dispose of wiping rags in metal containers with tight lids.
Small Spill	Sweep or scrape up.
Large Spill	Generally treat as a small spill. If large quantities are exposed to excessive heat, this product may melt. Allow melted material to cool and then scrape up.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment	Use recommended personal protective equipment (see section 8). Wash thoroughly after handling.
Storage Requirements	Store away from incompatible chemicals. (see section 10). Store in a cool, dry area.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Eye/Face Protection	Safety glasses. Use chemical goggles when marking on hot surfaces. Use a face shield as needed.
Skin/Hand Protection	Suitable for related activities where this product is used.
Respiratory Protection	Suitable for related activities where this product is used.
Other Equipment	Eyewash

Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to control sources of dust or fumes.
Administrative Controls	Users of this product must be properly trained and qualified in its use.
Other Information	No food or beverage should be consumed in the work area. Wash thoroughly before eating, drinking, or smoking.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Cylindrical Solid	Odor and Appearance: Linseed Oil	Odor Threshold (ppm): Not Determined	
Specific Gravity: >1 (H ₂ O=1)	V.O.C.: 0% (w/w)	Vapor Pressure (mmHg), Vapor Density (air=1): Not Applicable	
Melting Point: Approximately 150 ^o F	Boiling Point: Not Applicable	Partition Coefficient (n-octanol/water) >1	
pH: Not Applicable	Coefficient of Water/Oil Distribution <1	(Solubility in Water) Insoluble	(Solubility in Oil) Soluble

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Stable
Hazardous Polymerization	May Occur
Conditions to Avoid	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.
Chemicals to Avoid	Oxidizers
Hazardous Decomposition Products (non-thermal)	Aldehydes (including acrolein) may be produced from atmospheric oxidation (drying).

SECTION 11 – TOXICOLOGICAL INFORMATION

Irritancy of product	Possible irritation to eyes and upon inhalation.
Skin Sensitization:	Not applicable
Respiratory Irritancy of Product	Possible Irritation upon inhalation.
Carcinogenicity-IARC	Not applicable
Teratogenicity	Not applicable
Embrototoxicity	Not applicable
Mutagenicity	Not applicable
Name of synergistic products/effects	Further hazard information, if applicable, may be found in Section 3. Toxicological information regarding individual ingredients, if applicable, may be found in Section 2.

SECTION 12 – ECOLOGICAL INFORMATION

Mobility	Not Determined
Accumulation	Not applicable
Degradability	Possible Irritation upon inhalation.
Ecotoxicity	Not applicable
Other Adverse Effects	Not applicable

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal	Dispose of in accordance with all applicable regulations including Federal, State and local regulations.
<p>The conditions of handling, storage, and use of this product are beyond our control and may be beyond our knowledge. For this and other reasons, IMC Marks LLC does not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.</p>	

SECTION 14 – TRANSPORT INFORMATION

D.O.T. (USA)	Not Regulated.
TDG (Canada)	Not Regulated.
IATA	Not Regulated.
ICAO	Not Regulated.
IMO	Not Regulated.

SECTION 15 – REGULATORY INFORMATION

OSHA Hazard Status	This product is not considered to be hazardous as defined by the US OSHA HCS (29 CFR 1910.1200)					
EPA /sara sec 311/312	Hazard Categories Not applicable					
TSCA	All ingredients contained in this product are listed on the US EPA TSCA Chemical Substance Inventory					
HMIS® Rating	Health 0, Flammability 1, Reactivity 0					
NFPA® (704) Rating	Health 1, Flammability 1, Reactivity 0					
Footnotes for Section 2	<ol style="list-style-type: none"> 1 Subject to the reporting requirements of SARA Title III, Sec. 313 2 Appears on the California Safe Drinking Water and Toxic Enforcement Act Substances List (Prop.65). 3 Appears on the Massachusetts Substance List. 4 Appears on the New Jersey Right-To-Know Hazardous Substances List. 5 Appears on the Pennsylvania Hazardous Substances List 6 Appears on the Canadian WHMIS Ingredient Disclosure List. 					
WHIMIS	Status: Not Hazardous	Rating: None	Risk Phrases None	Precautionary Statements None	DSL None	CEPA None

SECTION 16 – OTHER INFORMATION

HMIS	Is a registered trademark of the National Paint and Coating Association.
NFPA	Is a registered trademark of the National Fire Protection Association.

MSDS Prepared by	Product Safety Engineer
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MSDS of the product is made following the z400.1-2003 standards of the ANSI.