

# Material Safety Data Sheet

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: High Temperature Marker, Hi and UHi		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: Marker for hot metal surfaces			
Importer/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	No Hazardous Ingredients according to the US OSHA Hazard Communication Standard 29 CFR 1910.1200, Canadian WHMIS regulations.
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## SECTION 3 – HAZARDS IDENTIFICATION

Combustion Hazard	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 not been identified as a 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	Concentrated fumes may be irritating. Move away from source of exposure and into fresh air. Seek medical attention if discomfort occurs.
Ingestion	May cause nausea. Seek medical attention if discomfort occurs. <b>NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.</b>

#### SECTION 5 – FIRE FIGHTING MEASURES

Flammable: IIIB	This product will burn if involved in a fire.	
Extinguishing Media	Carbon Dioxide, Water Fog, Dry Chemical	
Flashpoint (°F) and Method Non-liquid product. Not Applicable per OSHA regulations, standards-29 CFR 1910.106(a)(14)(>200°F for melted product.)	Upper Flammable Limit (% by Volume)  Not determined	Lower Flammable Limit (% by Volume)  Not determined
Hazardous Combustion Products Carbon Monoxide, Carbon Dioxide, Organic Acids, Aldehydes, Alcohols	Auto ignition Data  Not determined	Lower Flammable Limit (% by Volume)  Not determined

Unusual Fire or Explosion Hazards	None determined.
Fire Fighting Instructions	Keep personnel removed and upwind of any fire. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures	Use recommended personal protective equipment (see Section 8).
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 to protect from heat exposure where this product is used.
Respiratory Protection	Suitable for self-contained breathing apparatus only in highly confined areas.
Other Equipment	Eyewash and safety shower

Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to control sources of fumes in confined areas.
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: Not applicable	Odor Threshold (ppm): Not determined	
Specific Gravity: >1 (H <sub>2</sub> O=1)	V.O.C.: 0% (w/w)	Vapor Pressure (mmHg), Vapor Density (air=1): Not applicable	
Melting Point: Approximately 250 <sup>o</sup> 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	Will not occur
Conditions to Avoid	None known
Chemicals to Avoid	Acids, Bases, Strong Oxidizers
Hazardous Decomposition Products (non-thermal)	None determined. See section 2.

### SECTION 11 – TOXICOLOGICAL INFORMATION

Irritancy of product	Possible irritation to eyes from fumes.
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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>	

D.O.T. (USA)	Not regulated.
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## SECTION 14 – TRANSPORT INFORMATION

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 : Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard.					
TSCA	All ingredients contained in this product are listed on the US EPA TSCA Chemical Substance Inventory					
HMIS® Rating	Health 1, Flammability 0, Reactivity 0					
NFPA® (704) Rating	Health 1, Flammability 1, Reactivity 0					
Footnotes for Section 2	<ol style="list-style-type: none"> <li>1 Subject to the reporting requirements of SARA Title III, Sec. 313</li> <li>2 Appears on the California Safe Drinking Water and Toxic Enforcement Act Substances List (Prop.65).</li> <li>3 Appears on the Massachusetts Substance List.</li> <li>4 Appears on the New Jersey Right-To-Know Hazardous Substances List.</li> <li>5 Appears on the Pennsylvania Hazardous Substances List</li> <li>6 Appears on the Canadian WHMIS Ingredient Disclosure List.</li> </ol>					
WHMIS	Status: Not Hazardous	Rating: D-28	Risk Phrases None required on containers of 100ml or less per CPR, Section 19(1)(a)-(d)	Precautionary Statements None required on containers of 100ml or less CPR, Section 19(1)(a)-(d)	DSL All ingredients contained in this product are listed on the DSL.	CEPA All ingredients contained in this product are listed on the CEPA.

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

**The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, IMC Marks LLC makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determinations as to its suitability for their purposes prior to use. In no event will IMC Marks LLC be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.**

**MSDS of the product is made following the z400.1-2003 standards of the ANSI.**