

# Material Safety Data Sheet

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Prime-Action Paintmarker, Prime-Action Paintmarker +30		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: General Use. Marks on most surfaces.			
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
Propan-1-01	0-40	71-23-8	TWA =400mg/m <sup>3</sup>	TWA = 400mg/m <sup>3</sup>

## SECTION 3 – HAZARDS IDENTIFICATION

Skin Contact	May cause irritation. Wash thoroughly after handling.
Eye Contact	Avoid contact with eyes. May cause severe irritation.
Inhalation	Can cause nasal or respiratory tract irritation. Avoid inhalation of mist or vapor.
Carcinogenicity	Does not contain materials listed as cancer causative agents by NTP, IARC, or OSHA or by the State of California.

Target Organ Effects	None Applicable
Medical Conditions Aggravated by Long-Term Exposure	Overexposure can cause nasal or respiratory tract irritation. Can cause Central Nervous System effects. Intentional misuse of this product may be harmful or fatal.
Other Information	These products contain less than 20ml of the ink listed on this MSDS. Based on CFR 29, 1910.1200 OSHA Hazard Communication Evaluation, these products meet the definition of an "article" and they are not subject to the hazards normally associated with the ink when used as intended.

### SECTION 4 – FIRST AID MEASURES

Skin Contact	Use good industrial hygiene and wash skin with water & soap or industrial hand cleaner.
Eye Contact	Flush opened eye with water for 15 minutes; seek medical attention if irritation persists.
Inhalation	Move away from source of exposure and into fresh air. Seek medical attention if discomfort occurs.
Ingestion	Do not induce vomiting. Seek medical attention. Wash out mouth with water if person is conscious. 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, alcohol resistant foam, dry chemical or water spray.	
Flashpoint (°F) and Method 73 °F	Upper Flammable Limit (% by Volume) 13.5%	Lower Flammable Limit (% by Volume) 2.1%
Hazardous Combustion Products Carbon Monoxide, Carbon Dioxide	Auto ignition Data Not Determined	
Unusual Fire or Explosion Hazards	Not 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). Eliminate all sources of ignition.
Small Spill	Eliminate sources of ignition. Spills should be contained, and absorbed with liquid-binding material, and placed in leak proof container. Liquid should be disposed according to all Federal State and Local regulations.
Large Spill	Generally treat as a small spill. Eliminate sources of ignition. Spills should be contained, and absorbed with liquid-binding material, and placed in leak proof container. Liquid should be disposed according to all Federal State and Local regulations.

## SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment	Keep markers closed when not in use. Wash thoroughly after handling.
Storage Requirements	Store in a cool, well-ventilated area away from heat, sparks, or flames.

## SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Eye/Face Protection	Not required. Use chemical goggles if splashing anticipated.
Skin/Hand Protection	Not required. Use good industrial hygiene and wash skin with water & soap or industrial hand cleaner.
Respiratory Protection	Use a suitable NIOSH/MSHA respiratory device in case of insufficient ventilation or if exposure limits are exceeded.

Other Equipment	Eyewash
Engineering Controls	Not required for normal use. Local and general exhaust should minimize any exposure.
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: Liquid	Odor and Appearance: Alcohol	Odor Threshold (ppm): Not Determined
Specific Gravity: 0.931 (H <sub>2</sub> O=1)	V.O.C.: Not Determined	Vapor Pressure (mmHg), Vapor Density (air=1): Not Applicable
Melting Point: Not Applicable	Boiling Point: 205 <sup>o</sup> F	Ignition Temperature 680 <sup>o</sup> F

### SECTION 10 – STABILITY AND REACTIVITY

Dangerous Products of Composition	Nitrogen Oxides, Carbon Monoxide and Carbon Dioxide.
Chemicals to Avoid	Reacts with acids, alkalis and oxidizing agents.
Hazardous Decomposition Products (non-thermal)	No decomposition if used according to specifications.

### SECTION 11 – TOXICOLOGICAL INFORMATION

71-238 propan-1-01	LD/LC50 values
Oral	1870 mg/kg (rat)
Dermal	5040 mg/kg (rabbit)
Primary irritant effects	None Known
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	Not determined
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) Ground	49CFR173.4 conforming for domestic highway and rail transport.
D.O.T. (USA) Air	Conforms to 49CFR173.4.a excepted quantity of flammable liquid, see 49CFR173.4.a for details and restrictions.
IATA	Expected quantity of flammable liquid; see IATA Dangerous Goods Regulations for details and quantity restrictions.
IMDG	Excepted quantity of flammable liquids; see IMDG regulations for details and quantity restrictions.

### SECTION 15 – REGULATORY INFORMATION

EPA /SARA sec 313	Reportable Materials: None
TSCA	All ingredients contained in this product are exempt. This product does not contain a chemical known to the State of California to cause cancer.
HMIS® Rating	Health 1, Flammability 1, 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>

### 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.**