

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**Product Name:** C-100-1 Black **Date:** 06/01/15 **24 hr. Emergency Telephone Number**  
**General Use:** Marking Ink **Infotrac** 1-800-535-5053  
**Manufactured for:** Hitt Marking Devices  
3231 W. MacArthur Blvd.  
Santa Ana, CA 92704  
Ph; 714-979-1405  
Fax; 714-979-1407  
Website; www.HittMarking.com

## SECTION 2 - HAZARDS IDENTIFICATION

### WARNING: HEALTH



**Risk Statements:** Irritating to eyes, respiratory system, throat and skin.  
Repeated exposure may cause skin dryness or cracking. Harmful if swallowed – can cause nausea, vomiting and narcosis.  
**Safety Statements:** Avoid contact with skin and eyes. Keep container tightly closed. No smoking!

### Potential Health Effects:

Prolonged or repeated contact may dry and irritate skin. Eye contact will be extremely irritating. Chronic: None currently known.

### Emergency and First Aid Procedures:

**INHALATION:** Remove to fresh air, restore breathing. Treat symptoms. Consult a physician. **Eyes:** Flush immediately with water for 15 minutes. See a physician. **Skin:** Wash with soap and water. Remove contaminated clothing. Consult a physician if irritation persists. **Ingestion:** Drink water to dilute. Do not induce vomiting. Consult a physician or poison control center immediately.

SEE SECTIONS 8, 11 - The hazards are based on 100% of the contained materials. They will be reduced by their lower concentration.

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	WEIGHT PERCENT
*DIMETHYL PHTHALATE	131-11-3	36
*DIETHYLENE GLYCOL MONOBUTYL ETHER	112-34-5	5

\*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

## SECTION 4 – FIRST AID MEASURES

**INHALATION:** ESSENTIALLY NO IRRITATION WHEN USED AT ROOM TEMPERATURE.  
**EYES:** EYE CONTACT MAY BE MODERATELY IRRITATING. CORNEAL INJURY POSSIBLE.  
**SKIN:** PROLONGED OR REPEATED CONTACT MAY DRY AND IRRITATE SKIN. DERMITITUS MAY RESULT.  
**INGESTION:** LARGE AMOUNTS CAN CAUSE NAUSEA, VOMITING AND NARCOSIS.

## SECTION 5 – FIRE AND EXPLOSION HAZARD DATA

**EXTINGUISHING MEDIA:** ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

**SPECIAL FIREFIGHTING PROCEDURES:** WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT EXPLOSION WHEN EXPOSED TO EXTREME HEAT. FULL PROTECTIVE EQUIPMENT MAY BE NEEDED TO PROTECT FIREFIGHTERS FROM HAZARDOUS COMBUSTION PRODUCTS.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.

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===== SECTION 6 – ACCIDENTAL RELEASE MEASURES =====

**STEPS TO TAKE IN CASE MATERIAL IS RELEASED OR SPILLED:** REMOVE BY SUITABLE INERT ABSORBING MATERIAL.

===== SECTION 7 – HANDLING & STORAGE =====

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** AVOID EXCESSIVE INHALATION OF VAPOR OR MIST.

**OTHER PRECAUTIONS**

IN ACCORDANCE WITH GOOD INDUSTRIAL PRACTICE, HANDLE WITH CARE AND AVOID UNNECESSARY CONTACT. USE ONLY WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY. HMIS PERSONAL PROTECTIVE EQUIPMENT IS DEPENDENT UPON CONDITIONS OF USE.

===== SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION =====

HAZARDOUS COMPONENTS	OCCUPATIONAL EXPOSURE LIMITS	
	OSHA PEL	ACGIH TLV
*DIMETHYL PHTHALATE	5 MG/M3	5 MG/M3
*DIETHYLENE GLYCOL MONOBUTYL EHTER	N/A	N/A

**CONTROL MEASURES:** GENERAL VENTILATION SHOULD BE SUFFICIENT FOR MOST CONDITIONS.

**RESPIRATORY PROTECTION:** NONE NORMALLY REQUIRED. HOWEVER, WHEN REQUIRED, ITS USE MUST BE IN COMPLIANCE WITH ALL OSHA HEALTH AND FIT TESTING REQUIREMENTS, AS GIVEN IN 29CFR 1910.134.

**PROTECTIVE CLOTHING:** USE OF RUBBER OR PLASTIC GLOVES RECOMMENDED FOR PROLONGED OR REPEATED CONTACT.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** USE PROTECTIVE CREAM WHEN SKIN CONTACT IS LIKELY.

**EYE PROTECTION:** SAFETY EYEWEAR SHOULD BE AVAILABLE TO AVOID ACCIDENTAL CONTACT

**WORK / HYGIENIC PRACTICES:** WASH HANDS BEFORE EATING, DRINKING OR SMOKING. NO SMOKING IN WORK AREA.

===== SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES =====

<b>BOILING POINT:</b> 446 - 543 DEG. F.	<b>SPECIFIC GRAVITY (H2O=1):</b> 1.3
<b>VAPOR DENSITY:</b> HEAVIER THAN AIR	<b>EVAPORATION RATE:</b> SLOWER THAN ETHER
<b>MATERIAL V. O. C. :</b> 4.60 LB/GL ( 551 G/L )	<b>VAPOR PRESSURE:</b> 1.0 mm Hg @ 212 deg. F
<b>SOLUBILITY IN WATER:</b> INSOLUBLE	
<b>APPEARANCE AND ODOR:</b> VISCOUS COLORED LIQUID, MILD CHARACTERISTIC ODOR	
<b>FLASH POINT:</b> 222 Deg. F	<b>METHOD USED:</b> CLOSED CUP
<b>FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER:</b> 0.9%	<b>UPPER:</b> N/A

===== SECTION 10 – STABILITY AND REACTIVITY =====

**STABILITY:** STABLE

**CONDITIONS TO AVOID:** NONE

**INCOMPATIBILITY (MATERIALS TO AVOID)**  
CONTACT WITH STRONG ACIDS, ALKALIES OR OXIDIZERS

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**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER HAZARDOUS DECOMPOSITION PRODUCTS.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

===== **SECTION 11 – TOXICOLOGICAL INFORMATION** =====

**INDIVIDUAL INGREDIENT HAZARDS**

DIMETHYL PHTHALATE - INGESTION: LD50, 5,120 MG/KG – RAT. SKIN ABSORPTION: LD50, 11,900 MG/KG – RABBIT. INHALATION: NDA  
DIETHYLENE GLYCOL MONOBUTYL ETHER - INGESTION: LD50, 6,560 MG/KG -RAT. SKIN ABSORPTION: LD50, 4,120 MG/KG - RABBIT.

**CARCINOGENICITY:** NTP? NO? IARC MONOGRAPHS? NO OSHA REGULATED? NO  
NONE CURRENTLY KNOWN.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

RESPIRATORY IRRITATION AND DERMITITIS

===== **SECTION 12 – ECOLOGICAL INFORMATION** =====

NDA

===== **SECTION 13 – DISPOSAL INFORMATION** =====

**WASTE DISPOSAL METHOD:** INCINERATION IS PREFERRED, IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. REFER TO SDS CAUTION INFORMATION BEFORE ATTEMPTING CLEANUP.

===== **SECTION 14 – TRANSPORTATION INFORMATION** =====

**DOT PROPER SHIPPING NAME:** PRINTING INK

**PACKING GROUP:**

**DOT HAZARD CLASS:**

**DOT UN/NA NUMBER:**

**HAZARD SUBCLASS:** N/A

**EMERGENCY RESPONSE GUIDE NO. 26**

===== **SECTION 15 – REGULATORY INFORMATION** =====

**TOXIC SUBSTANCES CONTROL ACT:** ALL OF THE INGREDIENTS ARE LISTED IN THE TSCA INVENTORY.

**SARA 313:** CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SEC. 313, ETC. - DIMETHYL PHTHALATE AND DIETHYLENE GLYCOL MONOBUTYL ETHER

===== **SECTION 16 – OTHER INFORMATION** =====

**DISCLAIMER**

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN WERE OBTAINED FROM SOURCES BELIEVED TO BE GENERALLY RELIABLE, BUT, WE MAKE NO WARRANTY CONCERNING THEIR ACCURACY OR SUFFICIENCY, AND WE WILL NOT BE HELD LIABLE FOR CLAIMS RELATING TO ANY PARTY'S USE OF OR RELIANCE ON INFORMATION OR RECOMMENDATIONS CONTAINED HEREIN.

**DATE:** 06/01/15

**HMIS CODES:** H – 2, F – 1, R – 0, P -

**LEGEND:** NDA – NO DATA AVAILABLE N/D - NOT DETERMINED N/E – NOT ESTABLISHED