

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Name: C-100 White
General Use: Marking Ink
Manufactured for: Hitt Marking Devices
3231 W. MacArthur Blvd.
Santa Ana, CA 92704
Ph. 714-979-1405
Fx. 714-979-1407
Website; www.HittMarking.com

Date: 06/01/15

24 hr. Emergency Telephone Number
Infotrac 1-800-535-5053

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 | 27 |

*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 371.

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. DERMITITIS 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 |

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** =====

| | |
|------------------------------------------------------------------------------|-----------------------------------------------|
| BOILING POINT: 543 DEG. F. | SPECIFIC GRAVITY (H2O=1): 1.8 |
| VAPOR DENSITY: HEAVIER THAN AIR | EVAPORATION RATE: SLOWER THAN ETHER |
| MATERIAL V. O. C.: 4.03 LB/GL (483 G/L) | VAPOR PRESSURE: 1.0 mm Hg @ 212 deg. F |
| SOLUBILITY IN WATER: INSOLUBLE | |
| APPEARANCE AND ODOR: VISCOUS COLORED LIQUID, MILD CHARACTERISTIC ODOR | |
| FLASH POINT: 315 Deg. F | METHOD USED: OPEN CUP |
| FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: N/A | UPPER: 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

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

===== **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