

Sten C Labl[®]

MATERIAL SAFETY DATA SHEET Sten C Labl Fast Dry Inks

SECTION I - IDENTIFICATION

MANUFACTURER/SUPPLIERS NAME.. HITT MARKING DEVICES
3231 W. MACARTHUR BLVD.
SANTA ANA, CA 92704
1-714-979-1405
EMERGENCY PHONE NUMBER... 24 HOUR INFOTRAC 1-800-535-5053
EFFECTIVE DATE..... 2/94 [Revised Date only: 01/02/06
REVISED DATE..... n/a
PRODUCT IDENTIFIER..... FAST DRY INK(Black and Colors)
TRADE NAME..... STEN C LABL
CHEMICAL FAMILY..... INK

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	HAZARDOUS INGREDIENT PERCENT	TLV (UNITS)	HAZARDOUS INGREDIENT CAS/NA/UN NUMBERS
Isobutyl Alcohol SPECIAL	<40%	75PPM	cas 78-83-1

SECTION III - PHYSICAL DATA

BOILING POINT..... 207-244⁰F
FREEZING POINT..... N/A
VOLATILITY/VOL (%)..... 40%
MELTING POINT..... N/A
VAPOUR PRESSURE..... 8.8 @ 68⁰ F
VAPOUR DENSITY (AIR=1).... >1
SOLUBILITY IN H2O..... negligible
ODOUR AND APPEARANCE.... sharp odor; colored or black liquid
SPECIFIC GRAVITY..... approximately .96
EVAPORATION RATE..... >1 (butyl acetate=1)
pH..... n/a

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT AND METHOD OF DETERMINATION... 82⁰ F
LOWER EXPLOSION LIMIT(% BY VOL)..... 1.6
UPPER EXPLOSION LIMIT (% BY VOL)..... 10.9
MEANS OF EXTENSION..... dry chemical, "alcohol" foam, co₂

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FOR FIRE..... CAUTION: this is a flammable liquid. Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear including a positive pressure NIOSH approved self-contained breathing apparatus. Water may be ineffective on fire but can be used to cool containers exposed to fire and heat.

EXPLOSION DATA..... Containers exposed to intense heat from fire should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Vapor is heavier than air and can travel considerable distance to a source of ignition and flash back.

SECTION V - HEALTH HAZARD DATA

ROUTES OF ENTRY

SKIN CONTACT	SKIN ABSORPTION	EYE	INHALATION	INGESTION
yes	yes	yes	yes	yes

ACUTE AND CRONIC OVER EXPOSURE EFFECTS..... Liquid is highly irritating to eyes, Prolonged and repeated contact may caus skin irritation. High vapor concentrations or prolonged breathing of vapors may cause headache, drowsiness, dizziness, nausea and incoordination.

CARCINOGENICITY, none known

REPRODUCTIVE EFFECTS.....

SYMPTOMS..... See Acute and Chronic Over-Exposure Effects above.

SENITIZATION TO MATERIAL Preexisting eye, skin and respiratory disorders may be agravated by exposure to this product.

SPECIFIC FIRST AID INHALATION: Remove victim to fresh air.

PROCEDURES..... Restore/support breathing if necessary. Get medical attention.

EYES: Flush immediately with large amounts of water for at least 15 minutes. Get medical attention.

SKIN: Wash with soap and water and launder contaminated clothing before wearing again.

ingestion: Give large amounts of water and induce vomiting. Get medical attention.

SECTION V - HEALTH HAZARD DATA

CHEMICAL STABILITY..... stable

CONDITIONS OF REACTIVITY..... Heat, sparks and open flames.

INCOMPATIBLE MATERIALS..... strong oxidizing agents

HAZARDOUS DECOMPOSITION.. Carbon dioxide and/or carbon monoxide formed during PRODUCTS..... combustion.

HAZARDOUS POLYMERIZATION.. will not occur

POLYMERIZATION AVOID..... n/a

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SECTION VII - SPILL OR LEAK PROCEDURE

LEAK AND SPILL PROCEDURES. Eliminate all sources of ignition. Stop leak if it can be done safely and ventilate area. Dike and pump off large spills into salvage or storage containers. Take up residue or small spills with absorbent material such as clay or vermiculite. Do not allow product to enter storm or sanitary sewers or waterways.

WASTE DISPOSAL..... Isobutyl Alcohol has been designated by the EPA as a hazardous waste if it is spilled, discarded or intended to be discarded as is. The EPA hazardous waste number is U140. Incineration is most suitable method of disposal. Comply with all local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION

RESIRATORY PROTECTION..... When working with large quantities, use Niosh approved self-contained breathing apparatus to prevent overexposure.

VENTILATION..... Use local exhaust to keep air concentrations below TLV.

PROTECTIVE GLOVES..... Use impervious gloves if skin contact is a problem.

EYE PROTECTION..... Use chemical goggles if eye contact is likely.

OTHER PROTECTIVE EQUIPMENT..... Eye wash stations are recommended.

EQUIPMENT.....

HANDLING PROCEDURES AND EQUIPMENT..... Keep away from ignition sources. Store in tightly closed containers in a well ventilated area. Do not eat, drink or smoke in areas where product is handles. Wash hands with soap and water after

SECTION IX - SPECIAL PROTECTION

HAZARD CLASS..... 3 (Flammable Liquid)

DOT SHIPPING NAME. INK

UN NUMBER..... 1210

NA #..... n/a

1 HMIS HEALTH

3 HMIS FLAMMABILITY

0 HMIS REACTIVITY

G HMIS PERSONAL PROTECTION

OTHER.....

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