



SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: 1083C White

PRODUCT USE: Marking Ink

CHEMICAL FAMILY: Mixture

CAS NO.: NOT AVAILABLE (MIXTURE)

Not recommended for: Consumer Use

Manufacturer/Supplier:

PANNIER CORPORATION

207 SANDUSKY STREET

PITTSBURGH, PA 15212-5823 U.S.A.

24 Hr Emergency Telephone Number: Infotrac 1-800-535-5053

SECTION 2 - HAZARDS IDENTIFICATION

WARNING: FLAMMABLE



Risk Statements: Irritating to eyes, respiratory system, throat and skin.

Repeated exposure may cause skin dryness or cracking. Vapors may cause drowsiness and dizziness. Harmful if swallowed – can cause nausea, vomiting and narcosis.

Safety Statements: Avoid contact with skin and eyes. Keep container tightly closed. Keep away from sources of ignition. No smoking!

Potential Health Effects:

High concentrations may cause nervous system disturbances and narcosis. Chronic: Excessive exposure may cause kidney, liver and possibly blood disturbances.

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 may be reduced by their lower concentration

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	WEIGHT
		PERCENT
*N-BUTYL ALCOHOL	71-36-3	36
2 ETHYL HEXANOL	104-76-7	16

SECTION 4 - FIRST AID MEASURES

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

SECTION 5 - FIRE FIGHTING MEASURES

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.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO TAKE IN CASE MATERIAL IS RELEASED OR SPILLED: eliminate all sources of vapor ignition. Ventilate area. Avoid breathing vapors. Remove by suitable inert absorbing material.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: keep containers closed when not in use, and keep away from heat, sparks and open flame. 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
*N-butyl alcohol	50 PPM	50 PPM
2 ethyl alcohol	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 AND CHEMICAL PROPERTIES

BOILING POINT: 243 to 363° F.

SPECIFIC GRAVITY (H₂O=1): 1.2

VAPOR DENSITY: HEAVIER THAN AIR

EVAPORATION RATE: SLOWER THAN ETHER

MATERIAL V. O. C. : 5.12 LB/GL (613 G/L)

SOLUBILITY IN WATER: INSOLUBLE

VAPOR PRESSURE: 4.0 mm Hg @ 77° F

APPEARANCE AND ODOR: THIN COLORED LIQUID, ALCOHOLIC

FLASH POINT: 97° F

METHOD USED: CLOSED CUP

FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 0.9% **UPPER:** 11.2%

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: stable

CONDITIONS TO AVOID: heat, sparks and open flame.

INCOMPATIBILITY (MATERIALS TO AVOID)

Contact with strong acids, alkalis or oxidizers

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

May produce carbon monoxide, carbon dioxide, oxides of nitrogen, and other hazardous decomposition products.

HAZARDOUS POLYMERIZATION: will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

INDIVIDUAL INGREDIENT HAZARDS

*N-butyl alcohol - ingestion: ld50, 2,292 mg/kg - rat. Skin absorption: ld50, 3,430 mg/kg - rabbit. Inhalation: lc50, 8,000 mg/kg, 1 hour - rat (4 hours)

2 ethyl hexanol - ingestion: ld50, 1,400 mg/kg. - rat. Skin absorption: ld50, 1,700 mg/kg - rabbit. Inhalation: lc50, 20,000 ppm - rat (10 hours).

CARCINOGENICITY: NTP? NO? IARC MONOGRAPHIS? NO OSHA REGULATED? NO

None currently known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

#1083C White

Revision 8/1/2017

Respiratory irritation, dermatitis and nausea.

SECTION 12 - ECOLOGICAL INFORMATION

NDA

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: incineration is preferred, in compliance with local, state and federal regulations. Refer to sds caution information before attempting cleanup.

SECTION 14 - TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: printing ink

PACKING GROUP: II

DOT HAZARD CLASS: 3

DOT UN/NA NUMBER: UN 1210

HAZARD SUBCLASS: N/A

EMERGENCY RESPONSE GUIDE NO. 26

The listed transportation information applies only to ground transport and does not address regulatory variations due to changes in package size, mode of shipment, or other regulatory descriptors

SECTION 15 - REGULATORY INFORMATION

SUBSTANCES CONTROL ACT: all of the ingredients are listed in the tsca inventory.

Sara 313: *chemicals subject to reporting requirements of sec. 313 of title iii and of 40 cfr 372 are present

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.

HMIS CODES: H - 2, F - 3, R - 0, P -

LEGEND: NDA - no data available N/D - not determined N/E - not established