

Revision 3/18/2016

1001 Light Green

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Product Name:1001 Light GreenDate:03/18/16General Use:Marking InkColors:Light GreenPANNIER P/NI1001- 4111Manufacturer/Supplier:PANNIER CORPORATION207 SANDUSKY STREETPITTSBURGH, PA 15212-5823 U.S.A.24 Hr Emergency Telephone Number:Infotrac 1-800-535-5053

### WARNING: FLAMMABLE



**<u>Risk Statements:</u>** 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.

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

#### **Potential Health Effects:**

Acute: Moderate irritation of eyes, nose, throat and skin. Ingestion of high concentrations may cause injury. Chronic: Repeated excessive exposure may cause lung, liver and kidney effects.

#### **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.

HAZARDOUS COMPONENTS	CAS NUMBER	WEIGHT PERCENT	
DENATURED ETHYL ALCOHOL	64-17-4	35	
PROPYLENE GLYCOL MONOMETHYL ETHER	107-98-2	20	
*DIETHYLENE GYLCOL MONOBUTYL ETHER	112-34-5	3	

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**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.

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

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**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:** CLOSED CONTAINERS MAY EXPLODE OR COLLAPSE WHEN EXPOSED TO EXTREME HEAT. DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.

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

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.

	OCCUPATIONAL EXPOSURE LIMITS	
HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV
DENATURED ETHYL ALCOHOL	1000 PPM	1000 PPM
PROPYLENE GLYCOL MONOMETHYL ETHER	N/A	100 PPM
*DIETHYLENE GYLCOL MONOBUTYL ETHER	N/A	N/A

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

**RESPIRATORY PROTECTION:** WHEN USED WITH ADEQUATE VENTILATION, 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.

BOILING POINT: 165 to 446 DEG. F.SPECIFIC GRAVITY (H2O=1): 1.0VAPOR DENSITY: HEAVIER THAN AIREVAPORATION RATE: SLOWER THAN ETHERMATERIAL V. O. C.: 4.55 LB/GL (545 G/L)VAPOR PRESSURE: 44 mm Hg @ 77 deg. FSOLUBILITY IN WATER: INSOLUBLEVAPOR PRESSURE: 44 mm Hg @ 77 deg. FAPPEARANCE AND ODOR: THIN COLORED LIQUID, ALCOHOLICMETHOD USED: CLOSED CUPFLASH POINT: 54 Deg. FMETHOD USED: CLOSED CUPFLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: 0.9%UPPER: 19.0%

**STABILITY:** STABLE

#### **INCOMPATABILITY (MATERIALS TO AVOID)**

CONTACT WITH STRONG ACIDS, ALKALIES OR OXIDIZERS

#### HAZARDOUS DECOMPOSITION OR BYPRODUCTS

MAY PRODUCE CARBON MONOZIDE, CARBON DIOXIDE, OXIDES OF NOTROGEN, AND OTHER HAZARDOUS DECOMPOSITION PRODUCTS.

#### HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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#### INDIVIDUAL INGREDIENT HAZARDS

DENATURED ETHYL ALCOHOL - INGESTION: LD50, 2,292 MG/KG - RAT. SKIN ABSORPTION: LD50, 3,430 MG/KG - RABBIT. INHALATION: LC50, 8,000 MG/KG - RAT (4 HOURS) PROPYLENE GLYCOL MONOMETHYL ETHER - INGESTION: LD50, 7,200 MG/KG - RAT. SKIN ABSORPTION: LD50, 13,000 MG/KG - RABBIT. INHALATION: LC50, 7,500 PPM - RAT (6 HOURS) \*DIETHYLENE GLYCOL MONOBUTYYL ETHER - INGESTION: LD50, 6,560 MG/KG-RAT. SKIN ABSORPTION: LD50, 4,120 MG/KG-RABBIT. INHALATION: N/A

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

#### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE RESPIRATORY IRRITATION, DERMITITIS AND NAUSEA.

NDA

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

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.

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.

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#### DISCLAIMER

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

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