

M A T E R I A L   S A F E T Y   D A T A   S H E E T

1701 PHOENIX WHITE

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PRODUCT NAME: 1701 PHOENIX WHITE  
PRODUCT CODE: 000000000000001701

HMIS CODES: H F R P  
1 1 0 C

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SECTION I - MANUFACTURER IDENTIFICATION  
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MANUFACTURER'S NAME: Triangle Ink Co., Inc.  
ADDRESS : 53-57 Van Dyke Street  
Wallington, NJ 07057

EMERGENCY TELEPHONE:  
Chemtrec@ 800-429-9300 (USA & CANADA)  
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EMERGENCY PHONE :  
INFORMATION PHONE : 201-935-2777

DATE PRINTED : 2/26/04  
NAME OF PREPARER : David O. Bruce

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SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION  
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REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIG PERCENT
		MM HG @	TEMP	
Titanium-Dioxide (80% by weight) OSHA PEL: 10 mg/m3	13463-67-7	0.00000	0.00000	34.47
Mixture of 1,2-BENZENEDICARBOLIC ACID ESTERS	MIXTURE	0.30000	356.0000	28.91
Ethene, Chloro-, Homopolymer	9002-86-2	0.00000	0.00000	16.66

\*\*\* No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. \*\*\*

WARNING: DETECTABLE AMOUNTS OF A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND/OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM MAY BE PRESENT IN THIS PRODUCT.

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SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS  
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BOILING RANGE: 395 TO 440 DEG F  
VAPOR DENSITY: HEAVIER THAN AIR  
MATERIAL V.O.C.: . lb/gl  
SOLUBILITY IN WATER: Non Soluble  
APPEARANCE AND ODOR: WHITE PASTE AND CHARACTERISTIC ODOR

SPECIFIC GRAVITY (H2O=1): 1.51  
EVAPORATION RATE: SLOWER THAN ETHER

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT: 391 deg C  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A

METHOD USED: ASTM D1929  
UPPER: N/A

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

USE SELF CONTAINED BREATHING APPARATUS, AND SUITABLE PROTECTIVE CLOTHING.

UNUSUAL FIRE AND EXPLOSION HAZARDS

MATERIAL WILL BURN, BUT WILL NOT IGNITE READILY. COOLING REQUIRED TO PREVENT EXPLOSION IN THE HEAT OF FIRE.

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SECTION V - REACTIVITY DATA  
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STABILITY: STABLE  
CONDITIONS TO AVOID  
HIGH TEMPERATURES.

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**INCOMPATIBILITY (MATERIALS TO AVOID)**

NONE KNOWN.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

MAY YIELD CARBON DIOXIDE BY THERMAL DECOMPOSITION.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

=====**SECTION VI - HEALTH HAZARD DATA**=====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

IF BREATHING DIFFICULTIES, DIZZINESS OR LIGHTHEADEDNESS OCCURS WHEN WORKING WITH HIGH VAPOR CONCENTRATION, VICTIM SHOULD SEEK FRESH AIR. IF BREATHING STOPS BEGIN ARTIFICIAL RESPIRATION AND SEEK MEDICAL ATTENTION.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

MAY CAUSE ITCHING OF SKIN AND TEARING OF EYES.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

IF THIS PRODUCT IS SWALLOWED, INDUCE VOMITING, ONLY IF VICTIM IS ALERT. IMMEDIATELY SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONCIOUS PERSON.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

Inhalation-Dizziness, breathing difficulty, headaches, and loss of coordination. Eye contact-Severe irritation, tearing, redness, and blurred vision. Skin contact-Can dry and defat skin causing cracks, irritation, and dermatitis. Ingestion-Can cause gastrointestinal irritation, vomiting, nausea, & diarrhea. No chronic health effects.

**CARCINOGENICITY:** NTP CARCINOGEN: No    IARC MONOGRAPHS: No    OSHA REGULATED: Yes

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

ASTHMATIC AILMENTS, SKIN DISORDERS

**EMERGENCY AND FIRST AID PROCEDURES**

INHALATION: MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

SKIN CONTACT: WASH WITH SOAP AND LARGE AMOUNT OF WATER.

EYE CONTACT: FLUSH WITH LARGE AMOUNT OF WATER UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, SEEK MEDICAL HELP.

INGESTION: IF SWALLOWED, INDUCE VOMITING, BUT ONLY IF VICTIM IS ALERT. GET PROMPT MEDICAL ATTENTION. DO NOT ATTEMPT TO GIVE ANYTHING BY MOUTH TO A DROWSY OR UNCONCIOUS PERSON.

=====**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**=====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

MATERIAL SHOULD BE GATHERED BY SCOOPING INTO CONTAINERS. PREVENT FROM ENTERING SEWERS OR OTHER DRAINAGE.

**WASTE DISPOSAL METHOD**

Collect absorbent/water/spilled liquid mixture into metal containers. Consult local, state & federal hazardous waste regulations before disposing into approved hazardous waste landfills. Obey relevant laws.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

STORE IN COOL AREAS AWAY FROM HEAT, SPARKS OR OPEN FLAME, TO PREVENT HARDENING. TIGHTLY CLOSE ALL CONTAINERS AFTER USE,

TO PREVENT CONTAMINATION. IDEAL STORAGE TEMPERATURE IS 50 - 81 F ( 10 - 27 C).

**OTHER PRECAUTIONS**

NONE.

===== SECTION VIII - CONTROL MEASURES =====

**RESPIRATORY PROTECTION**

THE USE OF RESPIRATORY PROTECTION DEPENDS ON VAPOR CONCENTRATION. ABOVE THE TIME WEIGHTED TLV, USE NIOSH APPROVED CARTILAGE RESPIRATOR OR GAS MASK.

**VENTILATION**

General mechanical ventilation may be sufficient to keep product concentration within specified time weighted TLV range.

**PROTECTIVE GLOVES**

THE USE OF IMPERMEABLE GLOVES IS ADVISED TO PREVENT SKIN IRRITATION.

**EYE PROTECTION**

SAFETY GLASSES, CHEMICAL GOGGLES AND OR FACE SHIELDS ARE RECOMMENDED.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

SKIN PROTECTIVE CLOTHING MUST BE WORN.

**WORK/HYGIENIC PRACTICES**

EYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED.

===== SECTION IX - DISCLAIMER =====

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