

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: 900-210 TMS YELLOW
PRODUCT CODE: 900-210

HMIS CODES: H F R P
1 1 0 C

===== **SECTION I - MANUFACTURER IDENTIFICATION** =====

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

EMERGENCY PHONE : 800-429-9300 (CHEMTREC) DATE PRINTED : 09/16/2004
INTRNATIONAL : 703-527-3887
INFORMATION PHONE : 201-935-2777

===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE MM HG @ TEMP | WEIGHT PERCENT | |
|--|------------|--------------------------------|-------------------|-------|
| Mixture of 1,2-BENZENEDICARBOLIC ACID ESTERS | N/A | 0.30000 | 356 | 27.99 |
| Calcium Carbonate | 1317-65-3 | 0.00000 | | 10 |
| ACGIH TLV: 10mg/M3 | | | | |
| Silica, Quartz TLV 0.1 Mg/M (respirable dust) | | | | |
| PVC Homopolymer Resin | 9002-86-2 | 0.00000 | | 12.06 |
| OSHA PEL: 15 mg/m3, ACGIH TLV: 10 mg/m3 | | | | |
| Precipitated Calcium Carbonate, HO M-60 | 471-34-1 | 0.00000 | | 10 |
| OSHA PEL: 15mg/m3, ACGIH TLV: 10mg/M3 | | | | |
| Bis(2-ethylhexyl) terephthalate | 6422-86-2 | 1.00000 | 423 | 10 |
| OSHA PEL: NE, ACGIH TLV: NE, OTHER: NE | | | | |
| C.I. Pigment Yellow 14, CI 21095 | 5468-75-7 | 0.00000 | | 4.2 |
| Ethene, Chloro-Homopolymer | 9002-86-2 | 0.00000 | | 6.36 |
| Titanium Dioxide (80% by weight) | 13463-67-7 | 0.00000 | | 2.25 |
| OSHA PEL: 10 mg/m3 | | | | |
| Proprietary mix. Contains 30-40% Dinonyl Phthalate | MIXTURE | 0.00000 | | |
| OSHA PEL: 5mg/m3, ACGIH TLV: 10mg/m3 | | | | |

*** 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.

===== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** =====

BOILING RANGE: 395 TO 440 DEG F SPECIFIC GRAVITY (H2O=1): 1.35
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
MATERIAL V.O.C.: . lb/gl
SOLUBILITY IN WATER: Non Soluble
APPEARANCE AND ODOR: YELLOW PASTE AND CHARACTERISTIC ODOR.

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

FLASH POINT: 248 deg F METHOD USED: PMCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

MATERIAL SAFETY DATA SHEET

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.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID

HIGH TEMPERATURES.

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 SAFETY DATA SHEET

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 AREA TO PREVENT HARDENING.

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 CARTRIDGE 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 =====

TO THE BEST OF TRIANGLE INK CO., INC.'S KNOWLEDGE, THE INFORMATION CONTAINED HERE IS ACCURATE, OBTAINED FROM SOURCES BY OUR RAW MATERIALS SUPPLIERS. HOWEVER, NO WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION. SUCH DATA MUST BE VERIFIED FOR USE BY YOU IN AN INDUSTRIAL ATMOSPHERE ONLY.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: 900-222 TMS SCARLET
PRODUCT CODE: 900-222

HMIS CODES: H F R P
1 1 0 C

===== **SECTION I - MANUFACTURER IDENTIFICATION** =====

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

EMERGENCY PHONE : 800-429-9300 (CHEMTREC) DATE PRINTED : 09/16/2004
INTRNATIONAL : 703-527-3887
INFORMATION PHONE : 201-935-2777

===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE MM HG @ TEMP | WEIGHT PERCENT | |
|--|------------|--------------------------------|-------------------|-------|
| Mixture of 1,2-BENZENEDICARBOLIC ACID ESTERS | N/A | 0.30000 | 356 | 25.52 |
| Bis(2-ethylhexyl) terephthalate | 6422-86-2 | 1.00000 | 423. | 15 |
| OSHA PEL: NE, ACGIH TLV: NE, OTHER: NE | | | | |
| Calcium Carbonate | 1317-65-3 | 0.00000 | | 10 |
| ACGIH TLV: 10mg/M3 | | | | |
| Silica, Quartz TLV 0.1 Mg/M (respirable dust) | | | | |
| PVC Homopolymer Resin | 9002-86-2 | 0.00000 | | 12.01 |
| OSHA PEL: 15 mg/m3, ACGIH TLV: 10 mg/m3 | | | | |
| Precipitated Calcium Carbonate, HO M-60 | 471-34-1 | 0.00000 | | 10 |
| OSHA PEL: 15mg/m3, ACGIH TLV: 10mg/M3 | | | | |
| * PIGMENT RED 48:1, C.I. 15865:1 (24% BA COMPOUND) | 7585-41-3 | 0.00000 | | 9 |
| OSHA PEL: N.E., ACGIH TLV: N.E., OTHER: 15 mg/m3 | | | | |
| LD50 : ORAL (rat) >5000 mg/kg | | | | |
| Ethene, Chloro-Homopolymer | 9002-86-2 | 0.00000 | | 1.38 |
| Proprietary mix. Contains 30-40% Dinonyl Phthalate | MIXTURE | 0.00000 | | |
| OSHA PEL: 5mg/m3, ACGIH TLV: 10mg/m3 | | | | |

*** 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.

===== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** =====

BOILING RANGE: 395 TO 440 DEG F SPECIFIC GRAVITY (H2O=1): 1.29
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
MATERIAL V.O.C.: . lb/gal
SOLUBILITY IN WATER: Non Soluble
APPEARANCE AND ODOR: RED PASTE AND CHARACTERISTIC ODOR

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

FLASH POINT: 248 deg F METHOD USED: PMCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

USE SELF CONTAINED BREATHING APPARATUS, AND SUITABLE PROTECTIVE CLOTHING.

MATERIAL SAFETY DATA SHEET

UNUSUAL FIRE AND EXPLOSION HAZARDS

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

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID

HIGH TEMPERATURES.

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.

MATERIAL SAFETY DATA SHEET

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 AREA TO PREVENT HARDENING.

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 CARTRIDGE 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 =====

TO THE BEST OF TRIANGLE INK CO., INC.'S KNOWLEDGE, THE INFORMATION CONTAINED HERE IS ACCURATE, OBTAINED FROM SOURCES BY OUR RAW MATERIALS SUPPLIERS. HOWEVER, NO WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION. SUCH DATA MUST BE VERIFIED FOR USE BY YOU IN AN INDUSTRIAL ATMOSPHERE ONLY.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: 900-225 TMS RED
PRODUCT CODE: 900-225

HMIS CODES: H F R P
1 1 0 C

===== SECTION I - MANUFACTURER IDENTIFICATION =====

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

EMERGENCY PHONE : 800-429-9300 (CHEMTREC) DATE PRINTED : 09/16/2004
INTRNATIONAL : 703-527-3887
INFORMATION PHONE : 201-935-2777

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE MM HG @ TEMP | WEIGHT PERCENT | |
|---|------------|--------------------------------|-------------------|------|
| Mixture of 1,2-BENZENEDICARBOLIC ACID ESTERS | N/A | 0.30000 | 356 | 35. |
| PVC Homopolymer Resin OSHA PEL: 15 mg/m3, ACGIH TLV: 10 mg/m3 | 9002-86-2 | 0.00000 | | 14.6 |
| Calcium Carbonate ACGIH TLV: 10mg/M3 Silica, Quartz TLV 0.1 Mg/M (respirable dust) | 1317-65-3 | 0.00000 | | 15 |
| Precipitated Calcium Carbonate, HO M-60 OSHA PEL: 15mg/m3, ACGIH TLV: 10mg/M3 | 471-34-1 | 0.00000 | | 15 |
| MONOAZO: SALT OF 2-NAPHTHOL ACID | 5281-04-9 | 0.00000 | | 5 |
| Proprietary mix. Contains 30-40% Dinonyl Phthalate OSHA PEL: 5mg/m3, ACGIH TLV: 10mg/m3 | MIXTURE | 0.00000 | | |
| Bis(2-ethylhexyl) terephthalate OSHA PEL: NE, ACGIH TLV: NE, OTHER: NE | 6422-86-2 | 1.00000 | 423 | |
| Alkyl Benzyl Phthalate, BUTYL BENZYL PHTHALATE OSHA PEL: 5 mg/m3, ACGIH TLV: 5 mg/m3, OTHER: 5 ppm | 85-68-7 | 0.16000 | 302 | 1.04 |

*** 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.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 395 TO 440 DEG F SPECIFIC GRAVITY (H2O=1): 1.32
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
MATERIAL V.O.C.: . lb/gl
SOLUBILITY IN WATER: Non Soluble
APPEARANCE AND ODOR: RED PASTE AND CHARACTERISTIC ODOR

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 248 deg F METHOD USED: PMCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

USE SELF CONTAINED BREATHING APPARATUS, AND SUITABLE PROTECTIVE CLOTHING.

MATERIAL SAFETY DATA SHEET

UNUSUAL FIRE AND EXPLOSION HAZARDS

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

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID

HIGH TEMPERATURES.

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 LIGHTEADEDNESS 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 =====

MATERIAL SAFETY DATA SHEET

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 AREA TO PREVENT HARDENING.

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 CARTRIDGE 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 =====

TO THE BEST OF TRIANGLE INK CO., INC.'S KNOWLEDGE, THE INFORMATION CONTAINED HERE IS ACCURATE, OBTAINED FROM SOURCES BY OUR RAW MATERIALS SUPPLIERS. HOWEVER, NO WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION. SUCH DATA MUST BE VERIFIED FOR USE BY YOU IN AN INDUSTRIAL ATMOSPHERE ONLY.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: 900-240 TRI-MATCH GREEN
PRODUCT CODE: 900-240

HMIS CODES: H F R P
1 1 0 C

===== **SECTION I - MANUFACTURER IDENTIFICATION** =====

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

EMERGENCY PHONE : 800-429-9300 (CHEMTREC) DATE PRINTED : 09/16/2004
INTRNATIONAL : 703-527-3887
INFORMATION PHONE : 201-935-2777

===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE MM HG @ TEMP | WEIGHT PERCENT |
|--|------------|--------------------------------|-------------------|
| Mixture of 1,2-BENZENEDICARBOLIC ACID ESTERS | N/A | 0.30000 356 | 35.87 |
| Calcium Carbonate ACGIH TLV: 10mg/M3 Silica, Quartz TLV 0.1 Mg/M (respirable dust) | 1317-65-3 | 0.00000 | 15 |
| PVC Homopolymer Resin OSHA PEL: 15 mg/m3, ACGIH TLV: 10 mg/m3 | 9002-86-2 | 0.00000 | 14.88 |
| Precipitated Calcium Carbonate, HO M-60 OSHA PEL: 15mg/m3, ACGIH TLV: 10mg/M3 | 471-34-1 | 0.00000 | 15 |
| Proprietary mix. Contains 30-40% Dinonyl Phthalate OSHA PEL: 5mg/m3, ACGIH TLV: 10mg/m3 | MIXTURE | 0.00000 | |
| Ethene, Chloro-Homopolymer | 9002-86-2 | 0.00000 | .48 |

*** 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.

===== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** =====

BOILING RANGE: 395 TO 440 DEG F SPECIFIC GRAVITY (H2O=1): 1.35
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
MATERIAL V.O.C.: . lb/gl
SOLUBILITY IN WATER: Non Soluble
APPEARANCE AND ODOR: GREEN PASTE AND CHARACTERISTIC ODOR.

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

FLASH POINT: 248 deg F METHOD USED: PMCC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

USE SELF CONTAINED BREATHING APPARATUS, AND SUITABLE PROTECTIVE CLOTHING.

MATERIAL SAFETY DATA SHEET

UNUSUAL FIRE AND EXPLOSION HAZARDS

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

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID

HIGH TEMPERATURES.

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 LIGHTEADEDNESS 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.

MATERIAL SAFETY DATA SHEET

===== 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 AREA TO PREVENT HARDENING.

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 CARTRIDGE 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 =====

TO THE BEST OF TRIANGLE INK CO., INC.'S KNOWLEDGE, THE INFORMATION CONTAINED HERE IS ACCURATE, OBTAINED FROM SOURCES BY OUR RAW MATERIALS SUPPLIERS. HOWEVER, NO WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION. SUCH DATA MUST BE VERIFIED FOR USE BY YOU IN AN INDUSTRIAL ATMOSPHERE ONLY.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: 900-251 TMS BLUE G/S
PRODUCT CODE: 900-251

HMIS CODES: H F R P
1 1 0 C

===== SECTION I - MANUFACTURER IDENTIFICATION =====

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

EMERGENCY PHONE : 800-429-9300 (CHEMTREC) DATE PRINTED : 09/16/2004
INTRNATIONAL : 703-527-3887
INFORMATION PHONE : 201-935-2777

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE MM HG @ TEMP | WEIGHT PERCENT |
|--|------------|--------------------------------|-------------------|
| Mixture of 1,2-BENZENEDICARBOLIC ACID ESTERS | N/A | 0.30000 356 | 33.46 |
| Calcium Carbonate | 1317-65-3 | 0.00000 | 15 |
| ACGIH TLV: 10mg/M3 | | | |
| Silica, Quartz TLV 0.1 Mg/M (respirable dust) | | | |
| PVC Homopolymer Resin | 9002-86-2 | 0.00000 | 14.16 |
| OSHA PEL: 15 mg/m3, ACGIH TLV: 10 mg/m3 | | | |
| Precipitated Calcium Carbonate, HO M-60 | 471-34-1 | 0.00000 | 15 |
| OSHA PEL: 15mg/m3, ACGIH TLV: 10mg/M3 | | | |
| Bis(2-ethylhexyl) terephthalate | 6422-86-2 | 1.00000 423. | 5 |
| OSHA PEL: NE, ACGIH TLV: NE, OTHER: NE | | | |
| PIGMENT BLUE 15:3 C.I. 74160 | 147-14-8 | 0.00000 | |
| Proprietary mix. Contains 30-40% Dinonyl Phthalate | MIXTURE | 0.00000 0.00000 | |
| OSHA PEL: 5mg/m3, ACGIH TLV: 10mg/m3 | | | |

*** 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.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 395 TO 440 DEG F SPECIFIC GRAVITY (H2O=1): 1.3
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
MATERIAL V.O.C.: . lb/gl
SOLUBILITY IN WATER: Non Soluble
APPEARANCE AND ODOR: BLUE COLORED PASTE AND CHARACTERISTIC ODOR

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 248 deg F METHOD USED: PMCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

MATERIAL SAFETY DATA SHEET

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.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID

HIGH TEMPERATURES.

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 =====

MATERIAL SAFETY DATA SHEET

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 AREA TO PREVENT HARDENING.

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 CARTRIDGE 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 =====

TO THE BEST OF TRIANGLE INK CO., INC.'S KNOWLEDGE, THE INFORMATION CONTAINED HERE IS ACCURATE, OBTAINED FROM SOURCES BY OUR RAW MATERIALS SUPPLIERS. HOWEVER, NO WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION. SUCH DATA MUST BE VERIFIED FOR USE BY YOU IN AN INDUSTRIAL ATMOSPHERE ONLY.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: 900-252 TMS BLUE R/S
PRODUCT CODE: 900-252

HMIS CODES: H F R P
1 1 0 C

SECTION I - MANUFACTURER IDENTIFICATION

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

EMERGENCY PHONE : 800-429-9300 (CHEMTREC) DATE PRINTED : 09/16/2004
INTRNATIONAL : 703-527-3887
INFORMATION PHONE : 201-935-2777

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE | | WEIGHT PERCENT |
|--|------------|----------------|------|----------------|
| | | MM HG @ | TEMP | |
| Mixture of 1,2-BENZENEDICARBOLIC ACID ESTERS | N/A | 0.30000 | 356 | 37.86 |
| Calcium Carbonate ACGIH TLV: 10mg/M3 Silica, Quartz TLV 0.1 Mg/M (respirable dust) | 1317-65-3 | 0.00000 | | 15 |
| PVC Homopolymer Resin OSHA PEL: 15 mg/m3, ACGIH TLV: 10 mg/m3 | 9002-86-2 | 0.00000 | | 15.12 |
| Precipitated Calcium Carbonate, HO M-60 OSHA PEL: 15mg/m3, ACGIH TLV: 10mg/M3 | 471-34-1 | 0.00000 | | 15 |
| Proprietary mix. Contains 30-40% Dinonyl Phthalate OSHA PEL: 5mg/m3, ACGIH TLV: 10mg/m3 | MIXTURE | 0.00000 | | |

*** 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.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 395 TO 440 DEG F SPECIFIC GRAVITY (H2O=1): 1.33
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
MATERIAL V.O.C.: . lb/gl
SOLUBILITY IN WATER: Non Soluble
APPEARANCE AND ODOR: BLUE PASTE AND CHARACTERISTIC ODOR.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 248 deg F METHOD USED: PMCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A 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.

SECTION V - REACTIVITY DATA

MATERIAL SAFETY DATA SHEET

STABILITY: STABLE

CONDITIONS TO AVOID

HIGH TEMPERATURES.

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.

MATERIAL SAFETY DATA SHEET

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN COOL AREA TO PREVENT HARDENING.

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 CARTRIDGE 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 =====

TO THE BEST OF TRIANGLE INK CO., INC.'S KNOWLEDGE, THE INFORMATION CONTAINED HERE IS ACCURATE, OBTAINED FROM SOURCES BY OUR RAW MATERIALS SUPPLIERS. HOWEVER, NO WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION. SUCH DATA MUST BE VERIFIED FOR USE BY YOU IN AN INDUSTRIAL ATMOSPHERE ONLY.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: 900-253 TMS SOFTHAND MARINE
PRODUCT CODE: 900-253

HMIS CODES: H F R P
1 1 0 C

===== SECTION I - MANUFACTURER IDENTIFICATION =====

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

EMERGENCY PHONE : 800-429-9300 (CHEMTREC) DATE PRINTED : 09/16/2004
INTRNATIONAL : 703-527-3887
INFORMATION PHONE : 201-935-2777

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE | | WEIGHT PERCENT |
|--|------------|----------------|------|----------------|
| | | MM HG @ | TEMP | |
| Bis(2-ethylhexyl) terephthalate OSHA PEL: NE, ACGIH TLV: NE, OTHER: NE | 6422-86-2 | 1.00000 | 423 | 35 |
| Calcium Carbonate ACGIH TLV: 10mg/M3 | 1317-65-3 | 0.00000 | | 25 |
| Silica, Quartz TLV 0.1 Mg/M (respirable dust) | | | | |
| PVC Homopolymer Resin OSHA PEL: 15 mg/m3, ACGIH TLV: 10 mg/m3 | 9002-86-2 | 0.00000 | | 23.73 |
| Precipitated Calcium Carbonate, HO M-60 OSHA PEL: 15mg/m3, ACGIH TLV: 10mg/M3 | 471-34-1 | 0.00000 | | 5 |

*** 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.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 395 TO 440 DEG F SPECIFIC GRAVITY (H2O=1): 1.49
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
MATERIAL V.O.C.: . lb/gl
SOLUBILITY IN WATER: Non Soluble
APPEARANCE AND ODOR: BLUE PASTE AND CHARACTERISTIC ODOR.

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 391 deg C METHOD USED: ASTM D1929
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A 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.

MATERIAL SAFETY DATA SHEET

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID

HIGH TEMPERATURES.

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

MATERIAL SAFETY DATA SHEET

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 AREA TO PREVENT HARDENING.

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 CARTRIDGE 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 =====

TO THE BEST OF TRIANGLE INK CO., INC.'S KNOWLEDGE, THE INFORMATION CONTAINED HERE IS ACCURATE, OBTAINED FROM SOURCES BY OUR RAW MATERIALS SUPPLIERS. HOWEVER, NO WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION. SUCH DATA MUST BE VERIFIED FOR USE BY YOU IN AN INDUSTRIAL ATMOSPHERE ONLY.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: 900-259 TMS VIOLET
PRODUCT CODE: 900-259

HMIS CODES: H F R P
1 1 0 C

===== SECTION I - MANUFACTURER IDENTIFICATION =====

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

EMERGENCY PHONE : 800-429-9300 (CHEMTREC) DATE PRINTED : 09/16/2004
INTRNATIONAL : 703-527-3887
INFORMATION PHONE : 201-935-2777

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE | | WEIGHT PERCENT |
|---|------------|----------------|------|----------------|
| | | MM HG @ | TEMP | |
| Mixture of 1,2-BENZENEDICARBOLIC ACID ESTERS | N/A | 0.30000 | 356 | 28.86 |
| PVC Homopolymer Resin OSHA PEL: 15 mg/m3, ACGIH TLV: 10 mg/m3 | 9002-86-2 | 0.00000 | | 17.77 |
| Calcium Carbonate ACGIH TLV: 10mg/M3 | 1317-65-3 | 0.00000 | | 15 |
| Silica, Quartz TLV 0.1 Mg/M (respirable dust) | | | | |
| Precipitated Calcium Carbonate, HO M-60 OSHA PEL: 15mg/m3, ACGIH TLV: 10mg/M3 | 471-34-1 | 0.00000 | | 10 |
| Bis(2-ethylhexyl) terephthalate OSHA PEL: NE, ACGIH TLV: NE, OTHER: NE | 6422-86-2 | 1.00000 | 423. | 10 |
| Talc; Hydrous Magnesium Silicate OSHA PEL: 2 mg/m3, ACGIH TLV: 2 mg/m3 | 14807-96-6 | 0.00000 | | |
| Proprietary mix. Contains 30-40% Dinonyl Phthalate OSHA PEL: 5mg/m3, ACGIH TLV: 10mg/m3 | MIXTURE | 0.00000 | | |
| Alkyl Benzyl Phthalate, BUTYL BENZYL PHTHALATE OSHA PEL: 5 mg/m3, ACGIH TLV: 5 mg/m3, OTHER: 5 ppm | 85-68-7 | 0.16000 | 302 | 1.06 |

** 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.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 395 TO 440 DEG F SPECIFIC GRAVITY (H2O=1): 1.35
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
MATERIAL V.O.C.: . lb/gl
SOLUBILITY IN WATER: Non Soluble
APPEARANCE AND ODOR: VIOLET PASTE AND CHARACTERISTIC ODOR.

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 248 deg F METHOD USED: PMCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

USE SELF CONTAINED BREATHING APPARATUS, AND SUITABLE PROTECTIVE CLOTHING.

MATERIAL SAFETY DATA SHEET

UNUSUAL FIRE AND EXPLOSION HAZARDS

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

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID

HIGH TEMPERATURES.

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.

MATERIAL SAFETY DATA SHEET

===== 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 AREA TO PREVENT HARDENING.

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 CARTRIDGE 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 =====

TO THE BEST OF TRIANGLE INK CO., INC.'S KNOWLEDGE, THE INFORMATION CONTAINED HERE IS ACCURATE, OBTAINED FROM SOURCES BY OUR RAW MATERIALS SUPPLIERS. HOWEVER, NO WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION. SUCH DATA MUST BE VERIFIED FOR USE BY YOU IN AN INDUSTRIAL ATMOSPHERE ONLY.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: 900-270 TMS BLACK
PRODUCT CODE: 900-270

HMIS CODES: H F R P
1 1 0 C

===== SECTION I - MANUFACTURER IDENTIFICATION =====

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

EMERGENCY PHONE : 800-429-9300 (CHEMTREC) DATE PRINTED : 09/16/2004
INTRNATIONAL : 703-527-3887
INFORMATION PHONE : 201-935-2777

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE | | WEIGHT PERCENT |
|--|------------|----------------|------|----------------|
| | | MM HG @ | TEMP | |
| Mixture of 1,2-BENZENEDICARBOLIC ACID ESTERS | N/A | 0.30000 | 356 | 32.65 |
| Calcium Carbonate ACGIH TLV: 10mg/M3 Silica, Quartz TLV 0.1 Mg/M (respirable dust) | 1317-65-3 | 0.00000 | | 15 |
| PVC Homopolymer Resin OSHA PEL: 15 mg/m3, ACGIH TLV: 10 mg/m3 | 9002-86-2 | 0.00000 | | 15.36 |
| Precipitated Calcium Carbonate, HO M-60 OSHA PEL: 15mg/m3, ACGIH TLV: 10mg/M3 | 471-34-1 | 0.00000 | | 15 |
| Bis(2-ethylhexyl) terephthalate OSHA PEL: NE, ACGIH TLV: NE, OTHER: NE | 6422-86-2 | 1.00000 | 423 | 5 |
| Proprietary mix. Contains 30-40% Dinonyl Phthalate OSHA PEL: 5mg/m3, ACGIH TLV: 10mg/m3 | MIXTURE | 0.00000 | | |
| CARBON BLACK PIGMENT OSHA PEL: 3.5 mg/m3 | 1333-86-4 | 0.00000 | | .98 |

*** 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.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 395 TO 440 DEG F SPECIFIC GRAVITY (H2O=1): 1.36
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
MATERIAL V.O.C.: . lb/gl
SOLUBILITY IN WATER: Non Soluble
APPEARANCE AND ODOR: BLACK PASTE AND CHARACTERISTIC ODOR.

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 248 deg F METHOD USED: PMCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A 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.

MATERIAL SAFETY DATA SHEET

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID

HIGH TEMPERATURES.

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.

MATERIAL SAFETY DATA SHEET

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 AREA TO PREVENT HARDENING.

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 CARTRIDGE 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 =====

TO THE BEST OF TRIANGLE INK CO., INC.'S KNOWLEDGE, THE INFORMATION CONTAINED HERE IS ACCURATE, OBTAINED FROM SOURCES BY OUR RAW MATERIALS SUPPLIERS. HOWEVER, NO WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION. SUCH DATA MUST BE VERIFIED FOR USE BY YOU IN AN INDUSTRIAL ATMOSPHERE ONLY.