

MATERIAL SAFETY DATA SHEET

1180-67 TRANSFER POWDER

PRODUCT NAME: 1180-67 TRANSFER POWDER
PRODUCT CODE: 1180-67

HMIS CODES: H F R P
1 1 0 B

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

MANUFACTURED FOR: Triangle Ink Co., Inc.
ADDRESS: 53-57 Van Dyke Street
Wallington, NJ 07057

EMERGENCY PHONE : 800-429-9300 (CHEMTREC) DATE PRINTED : 09/16/2004
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===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE MM HG @ TEMP | WEIGHT PERCENT |
|------------------------------|------------|--------------------------------|-------------------|
| * Caprolactam (xre 709, 710) | 105-60-2 | 0.00000 0.00000 | 3 - 5 |

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

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

BOILING RANGE: NOT APPLICABLE SPECIFIC GRAVITY (H2O=1): 1.
VAPOR DENSITY: NOT APPLICABLE. EVAPORATION RATE: NOT APPLICABLE.
MATERIAL V.O.C.: . lb/gl
SOLUBILITY IN WATER: Non Soluble
APPEARANCE AND ODOR: WHITE POWDER OR GRANULES. SLIGHT ODOR OF CAPROLACTUM MAY BE DETECTED

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

FLASH POINT: N/A METHOD USED: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A
EXTINGUISHING MEDIA: ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG, OTHER

SPECIAL FIREFIGHTING PROCEDURES
USE SELF CONTAINED BREATHING APPARATUS, AND SUITABLE PROTECTIVE CLOTHING.

UNUSUAL FIRE AND EXPLOSION HAZARDS
AVOID DISPERSION OF DUST INTO THE AIR TO REDUCE THE POTENTIAL EXPLOSION HAZARD.

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

STABILITY: STABLE

CONDITIONS TO AVOID
HIGH TEMPERATURES.

INCOMPATIBILITY (MATERIALS TO AVOID)

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STRONG OXIDIZERS, ACIDS, BASES, ANHYDRIDES AND AMINES.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

OXIDES OF CARBON AND NITROGEN.

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

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

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INHALATION OF VAPOR OR MIST MAY CAUSE HEADACHE AND IRRITATION OF THE NOSE AND THROAT. SEEK MEDICAL ADVICE IN ANY UNUSUAL SYMPTOMS DEVELOP.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

MOLTEN MATERIAL WILL PRODUCE THERMAL BURNS. IRRITATION OF EYES AND SKIN, REDNESS AND BURNING

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

CAN RESULT IN IRRITATION IN THE MOUTH, STOMACH TISSUE AND DIGESTIVE TRACT. SYMPTOMS CAN INCLUDE SORE THROAT, ABDOMINAL PAIN, NAUSEA, VOMITING AND DIARRHEA.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Inhalation-Dizziness, breathing difficulty, headaches, & 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

ASTHMA and other respiratory disorders (BRONCHITIS, EMPHYSEMA, BRONCHIAL HYPERACTIVITY): SKIN ALLERGIES, ECZEMA

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, 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

DISPOSE OF AS SOLID WASTE, OBSERVING ALL LOCAL, STATE AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

MAINTAIN GOOD HOUSEKEEPING TO AVOID ACCUMULATION OF DUST. CONVEYING AND PROCESSING EQUIPMENT SHOULD BE SPARK PROOF,

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BONDED AND GROUNDED TO PREVENT STATIC CHARGE BUILD-UP. KEEP POWDER DRY AND AWAY FROM STRONG ACIDS AND OXIDISING AGENTS.

OTHER PRECAUTIONS

NONE.

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

RESPIRATORY PROTECTION

FOR APPARENT DUST AND FUMES EXPOSURE, A NIOSH APPROVED DUST, MIST & FUME RESPIRATOR IS RECOMMENDED.

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 WITH SIDE SHIELDS, CHEMICAL GOGGLES AND/OR FACE SHIELDS ARE RECOMMENDED. CONTACT LENSES SHOULD NOT BE WORN.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

SKIN PROTECTIVE CLOTHING MUST BE WORN.

WORK/HYGIENIC PRACTICES

WASH HANDS BEFORE EATING OR USING THE WASHROOM. SMOKE IN SMOKING AREAS ONLY.

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

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