

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

TRANSFER GRAPHITE BLACK

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PRODUCT NAME: TRANSFER GRAPHITE BLACK
PRODUCT CODE: 795980

HMIS CODES: H F R P
2 3 0 0

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: GOTHAM INK COMPANY
ADDRESS: 19 KAY FRIES DRIVE
STONY POINT, NY 10980
INTERNATIONAL EMERGENCY#011-813-979-0626
CHEMTEL EMERGENCY: 1-888-255-3924 DATE PRINTED: 10/05/11
INFORMATION PHONE: 1-845-947-4000 NAME OF PREPARER: JOSEPH CLOHOSEY

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

Table with 4 columns: REPORTABLE COMPONENTS, CAS NUMBER, VAPOR PRESSURE (mm Hg @ TEMP), WEIGHT PERCENT. Lists components like N-BUTYL ACETATE and ETHYL ACETATE.

*** All toxic chemical(s) and some of the reporting requirements of section 102 of TSCA and of 40 CFR 372 are present. ***
GOTHAM INK COMPANY, 19 KAY FRIES DRIVE, STONY POINT, NY 10980

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: N/A SPECIFIC GRAVITY (H2O=1): 1.02
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: < N-BUTYL ACETATE
COATING V.O.C.: 5.09 lb/gl MATERIAL V.O.C.: 5.09 lb/gl
SOLUBILITY IN WATER: Not soluble
APPEARANCE AND ODOR: Colored liquid / typical solvent odor
* Varnish, Topcoat & Extender have Clear to Amber or Offwhite appearance.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: <100 deg F METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 2.10000 UPPER: 21.20000

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

SPECIAL FIREFIGHTING PROCEDURES

Use self-contained breathing apparatus with full face piece operated in pressure demand or other positive pressure mode. Avoid breathing vapors. Never expose to water. Spilled products may cause immediate or delayed health hazards.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Vapors are heavier than air and may travel along the ground and be ignited by heat, open flame or other ignition sources. Keep containers tightly closed. Keep away from heat, sparks, electrical equipment, and open flames. Closed containers may polymerize or explode when exposed to extreme heat.

SECTION V - REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID

Do not expose to high temperatures or open flame or sparks.

INCOMPATIBILITY (MATERIALS TO AVOID)

Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

May form toxic materials, such as H₂, CO, but in excess of, various hydrocarbons, etc. on thermal decomposition.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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

N/A

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Excessive inhalation of vapors may cause nasal and respiratory irritation, weakness, dizziness, fatigue, nausea, headache and possible unconsciousness. Very severe exposure may cause respiratory depression and possible convulsions.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Eye contact or repeated skin contact may cause severe irritation, redness, and discomfort. May cause pain and severe eye irritation, and may cause tearing, redness and blurred vision.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Amounts on vents are easily absorbed; dryness of the skin, redness or dermatitis are signs of repeated or overexposure to the solvent before the action.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Severe moderate gastrointestinal irritation, nausea, vomiting & diarrhea, muscular pain, and general weakness. May cause kidney & liver damage.

HEALTH HAZARDS (ACUTE AND CHRONIC)

EYES: Can cause severe irritation, redness, tearing, and blurred vision. **SKIN:** Can cause severe irritation, redness and discomfort. **INHALATION:** Can cause nasal and respiratory irritation. Aspiration into lungs may cause chemical pneumonitis within minutes. **INGESTION:** Very prolonged or repeated exposure above TLV may result in permanent brain & nervous system damage.

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

As no known at this time.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Prolonged or exposure to very high concentrations of vapors may aggravate existing dermatitis or preform blood diseases.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush immediately with large amounts of water for at least 15 minutes. Take to a physician for medical treatment. **SKIN:** Wash affected areas with soap and water. Remove contaminated clothing. Consult a physician if irritation persists. **INHALATION:** Remove to fresh air. Restore breathing. Treat symptomatically. Consult a physician. **INGESTION:** Drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Consult a physician or poison control center immediately. Treat symptomatically.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Eliminate all ignition sources. Dike, contain, or absorb with inert materials (sand, vermiculite, etc.). Transfer to containers for recovery or safe disposal. Avoid runoff into sewers, streams, or other bodies of water. **GROUND WORK EQUIPMENT.**

WASTE DISPOSAL METHOD

Dispose in accordance with all federal, state, or local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store or use near sources of high temperature, open flame or sparks, or other ignition sources. Keep containers closed. **DO NOT CONTAINER. MUST BE PROPERLY LABELED WHEN REOPENED.**

OTHER PRECAUTIONS

Do not take internally. Avoid prolonged or repeated exposure to levels above TLV. Hot organic chemical vapors or mists are susceptible to either spontaneous combustion when mixed with air, ignition may occur at typical elevated temperatures process conditions. Any proposed use of this product in elevated temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

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

RESPIRATORY PROTECTION

If TLV is exceeded use NIOSH/MSHA approved organic vapor and mist, supplied air or self contained breathing apparatus.

VENTILATION

Use adequate mechanical (general and/or local) ventilation to maintain exposure below TLV. Special local vents which is recommended at points where vapors can be expected to escape to the workplace air.

PROTECTIVE GLOVES

Use resistant gloves such as nitrile gloves.

EYE PROTECTION

Use chemical splash goggles or other MSHA approved safety glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Wear impervious clothing, footwear, etc.

WORK/HYGIENIC PRACTICES

Wash hands before eating or using restrooms. Remove and wash contaminated clothing before reuse.

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

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.