

HEALTH 1
FLAMMABILITY 1
REACTIVITY 0

MATERIAL SAFETY DATA SHEET

110

SECTION I MANUFACTURER INFORMATION

ATLAS INK AND SUPPLY, LLC
9840 MONROE DRIVE, SUITE 101
DALLAS, TX 75220

EMERGENCY TEL 214-357-5100
INFORMATION TEL 214-357-5100
DATE PREPARED 09/18/2014

SECTION II PRODUCT COMPONENTS

NOTE: THIS PRODUCT IS NOT DOT REGULATED
NOTE: ALL COMPONENTS OF THIS PRODUCT ARE LISTED IN TSCA INVENTORY

SECTION IIIA - HAZARDOUS INGREDIENTS

CHEMICAL NAME: COBALT (TALLATE) CAS# 61789-52-4 OSHA PEL: .05mg/ m3
COMMON NAME: DRIER ACGIH THRESHOLD: .05mg/ m3
OTHER LIMITS: N/A % OF PRODUCT TOTAL: < 1%
OTHER AGENCY: TSCA SECTION 313

CHEMICAL NAME: MANGANESE (TALLATE) OSHA PEL: .05mg/ m3
COMMON NAME: DRIER CAS# 8030-70-4 ACGIH THRESHOLD: .05mg/ m3
OTHER LIMITS: N/A % OF PRODUCT TOTAL: < 1%
OTHER AGENCY: TSCA SECTION 313

SECTION III - PHYSICAL DATA

BOILING POINT: 538-599° F HEALTH: 1
APPEARANCE: COLORED PASTE WITH SOLVENT ODOR FLAMMABILITY: 1
% VOLATILE: < 10% REACTIVITY: 0
SOLUBILITY: .0001
SPECIFIC GRAVITY (H2O= 1): 1.131
VAPOR PRESSURE (mm Hg): < 0.1 MELTING POINT: N/A
VAPOR DENSITY (AIR= 1): 7.2 EVAP RATE (BUTYL ACETATE= 1) < .01

SECTION IV - FIRE & EXPLOSION DATA

FLASH POINT: 264 LEL: N/A%
FLAMMABILITY LIMIT: N/A UEL: N/A%
METHOD USED: CLOSED CUP
EXTINGUISHING MEDIA: FOAM CO2 DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: NORMAL FIRE FIGHTING PROCEDURES
CONDITIONS TO AVOID: EXTREME HEAT / OPEN FLAMES

SECTION V - REACTIVITY DATA

STABILITY: STABLE CONDITIONS TO AVOID: N/A
INCOMPATIBILITY (Materials to Avoid): STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: BURNING MAY YIELD CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION? YES SKIN? YES INGESTION? YES
HEALTH HAZARDS (ACUTE AND CHRONIC): MAY CAUSE IRRITATION WITH PROLONGED EXPOSURE
CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO
SIGNS AND SYMPTOMS OF EXPOSURE:
REDNESS AND / OR IRRITATION
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

EMERGENCY AND FIRST AID PROCEDURES:
EYES-FLUSH WITH WATER, CONSULT PHYSICIAN/INHALATION-REMOVE TO FRESH AIR/ WASH SKIN WITH SOAP AND WATER

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
SCOOP UP SPILLED MATERIAL AND DISCARD INTO PROPER WASTE CONTAINER
WASTE DISPOSAL METHOD: DISPOSE OF ACCORDING TO FEDERAL/ STATE/ LOCAL LAWS
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: AVOID EXTREME HEAT AND OPEN FLAMES
OTHER PRECAUTIONS: N/A

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NOT GENERALLY REQUIRED
VENTILATION: LOCAL EXHAUST? YES MECHANICAL (GENERAL)
SPECIAL: N/A
OTHER: N/A
EYE PROTECTION: DESIRABLE
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: OIL PROOF APRON/ GLOVES DESIRABLE
WORK/ HYGENIC PRACTICES: REMOVE SOILED CLOTHING/ WASH HANDS BEFORE EATING