

SECTION 1:
MANUFACTURER

MATERIAL SAFETY DATA SHEET
SPECIALTY INK CO., INC.
20 DUNTON AVENUE
DEER PARK, NY 11729
PHONE NUMBER 631-586-3666
EMERGENCY PHONE 800-688-4005
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INK NAME: 628 INK

DATE PREPARED
05/17/07

HEALTH: 2
FLAMMABILITY: 3
REACTIVITY: 0
PERSONAL PROTECTION: B

CODE: 0=MINIMAL
1=SLIGHT
2=MODERATE
3=SERIOUS
4=SEVERE

SECTION 2: HAZARDOUS INGREDIENTS

| INGREDIENT | PERCENT | ACGIH-TLV | OSHA-PEL | CAS NO |
|--------------------|---------|-----------|----------|----------|
| CELLOSOLVE ACETATE | 15.00 | 50 PPM | 50 PPM | 111-15-9 |
| METHYL CELLOSOLVE* | 15.00 | 5 PPM | 5 PPM | 109-86-4 |
| DIACETONE ALCOHOL | 12.00 | 50 PPM | 50 PPM | 123-42-2 |
| ETHYL ALCOHOL | 6.00 | 1000 PPM | 1000 PPM | 64-17-5 |

THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 AND OF 40 CFR 372. THIS PRODUCT IS IN COMPLIANCE WITH THE EPA TSCA INVENTORY.

SECTION 3: PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: 302 F
MELTING POINT: -121 F
VAPOR DENSITY: 4.60
SPECIFIC GRAVITY: .9605
REACTIVITY IN WATER: NONE
SOLUBILITY IN WATER: SLIGHT
AUTO IGNITION: 626 F
VAPOR PRESSURE: 2 MM HG
APPEARANCE & ODOR: MOBILE LIQUID, MILD ODOR
APPEARANCE & ODOR: VOC: 31.90 GMS/L
LEL/UEL %: 1.5 13.8
FLASH POINT: 88 F
METHOD: CLOSED CUP

SECTION 4: FIRE & EXPLOSION DATA

EXTINGUISHING MEDIA: CARBON DIOXIDE
EXTINGUISHING MEDIA: DRY CHEMICAL
EXTINGUISHING MEDIA: ALCOHOL-TYPE FOAM
EXTINGUISHING MEDIA: UNIVERSAL-TYPE FOAM
EXTINGUISHING MEDIA: WATERSPRAY
SPECIAL FIRE PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS
SPECIAL FIRE PROCEDURES: WEAR PROTECTIVE CLOTHING AND EQUIPMENT
SPECIAL FIRE PROCEDURES: USE WATERSPRAY TO COOL FIRE-EXPOSED AREA
SPECIAL FIRE PROCEDURES: USE WATERSPRAY TO PROTECT PERSONNEL
UNUSUAL HAZARDS: WEAR FACE SHIELD TO PROTECT FACE AND

SECTION 4: FIRE & EXPLOSION DATA

UNUSUAL HAZARDS: EYES FROM CONTACT WITH LIQUID OR VAPOR.

SECTION 5: REACTIVITY DATA

STABLE, Y=YES, N=NO : Y

CONDITIONS TO AVOID: HEAT, SPARKS AND OPEN FLAME

INCOMPATIBILITY: STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION: BURNING WILL PRODUCE CO₂ AND PROBABLY CO

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NONE

SECTION 6: HEALTH HAZARDS

ACUTE: HEADACHE, NAUSEA, VOMITING

CHRONIC: SKIN AND EYE IRRITANT

CHRONIC: LIVER & KIDNEY INJURY BY EXCESSIVE VAPOR

SIGNS & SYMPTOMS OF EXPOSURE: HEADACHE, NAUSEA, VOMITING

SIGNS & SYMPTOMS OF EXPOSURE: SHOULD NOT BE USED BY PREGNANT WOMEN

SIGNS & SYMPTOMS OF EXPOSURE: WEAKNESS

SIGNS & SYMPTOMS OF EXPOSURE: IRRIT TO EYES, NOSE & RESPIRATORY TRACT

MEDICAL CONDITIONS AGGRAVATED: IN LAB INHALATION STUDIES, METHYL CELLO

MEDICAL CONDITIONS AGGRAVATED: & CELLO ACETATE HAVE CAUSED BIRTH DEFECT

MEDICAL CONDITIONS AGGRAVATED: IN FEMALES & REPRODUCTIVE PROBLEMS IN

MEDICAL CONDITIONS AGGRAVATED: MALES; NO HUMAN RESULTS CITED.

IS CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN ?

NATIONAL TOXICOLOGY PROGRAM, Y=YES, N=NO: N

IARC MONOGRAPHS, Y=YES, N=NO: N

OSHA, Y=YES, N=NO: N

FIRST AID FOR INHALATION: REMOVE TO FRESH AIR IF OVERCOME BY VAPOR

FIRST AID FOR EYES: FLUSH WITH CLEAN WATER FOR 15 MINUTES

FIRST AID FOR SKIN: WASH WITH SOAP & WATER; CHANGE CLOTHING

FIRST AID FOR INGESTION: GIVE 2 GLASSES OF WATER.

FIRST AID FOR INGESTION: INDUCE VOMITING. CALL DOCTOR.

ROUTES OF ENTRY FOR INHALATION: AVOID PROLONGED BREATHING OF VAPORS

ROUTES OF ENTRY FOR EYES: AVOID ALL CONTACT WITH THE EYES

ROUTES OF ENTRY FOR SKIN: AVOID REPEATED OR PROLONGED SKIN CONTACT

ROUTES OF ENTRY FOR INGESTION: DO NOT TAKE INTERNALLY

SECTION 7: SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES

HANDLING & STORAGE: KEEP CONTAINER CLOSED WHEN NOT IN USE

HANDLING & STORAGE: USE ONLY WITH ADEQUATE VENTILATION

HANDLING & STORAGE: KEEP AWAY FROM HEAT AND FLAME

HANDLING & STORAGE: AVOID PROLONGED BREATHING OF VAPORS

STEPS IF SPILLED: REMOVE SOURCES OF IGNITION; VENTILATE

STEPS IF SPILLED: COVER SPILL WITH A SUITABLE ABSORBENT

STEPS IF SPILLED: SWEEP UP AND PUT IN CHEMICAL WASTE DRUM

STEPS IF SPILLED: DO NOT ALLOW SPILL TO ENTER WATERCOURSES

WASTE DISPOSAL: INCINERATE IN CHEMICAL FURNACE

WASTE DISPOSAL: MUST CONFORM TO LOCAL, STATE & FEDERAL REGULATIONS

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: GENERAL ROOM VENTILATION ADEQUATE

VENTILATION: SHOULD BE EQUAL TO OUTDOORS

LOCAL EXHAUST: PREFERABLE

SECTION 8: SPECIAL PROTECTION INFORMATION

MECHANICAL: ACCEPTABLE

SPECIAL: NIOSH APPROVED ORGANIC VAPOR RESPIRATOR

PROTECTIVE GLOVES: CHEMICAL IMPERVIOUS

EYE PROTECTION: SPLASH GLASSES

OTHER PROTECTION: EYEWASH STATION

WORK/HYGENIC PRACTICES: PREGNANT WOMEN SHOULD AVOID USING THIS INK.

SPECIAL MESSAGE SECTION

THE HAZARDS LISTED ON THIS MSDS ARE TAKEN FROM THE MSDS FOR EACH OF THE INGREDIENTS IN THIS MIXTURE. IN MOST CASES, THE MAXIMUM FORM OF HAZARD IS REPRESENTED HERE. THE TLV'S REPRESENT THE CONDITIONS UNDER WHICH IT IS BELIEVED THAT NEARLY ALL WORKERS MAY BE REPEATEDLY EXPOSED DAY AFTER DAY WITHOUT ADVERSE EFFECT. IT MUST BE REMEMBERED THAT EACH INDIVIDUAL REACTS DIFFERENTLY AND SOME MAY EXPERIENCE DISCOMFORT WHILE OTHERS DO NOT. THIS MSDS IS PRESENTED SO THAT EACH INDIVIDUAL WILL HAVE THE INFORMATION TO DEAL SAFELY WITH THE USE OF THIS PRODUCT. ALL MATERIALS TSCA LISTED.

DISCLAIMER SECTION

DISCLAIMER OF LIABILITY:

AS THE CONDITIONS OR METHODS OF USE ARE BEYOND OUR CONTROL, WE DO NOT ASSUME ANY RESPONSIBILITY AND EXPRESSLY DISCLAIM ALL LIABILITY FOR ANY USE OF THIS MATERIAL. INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH AND BELIEVED TO BE TRUE AND ACCURATE. BUT ALL STATEMENTS OR SUGGESTIONS ARE MADE WITHOUT ANY WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THE INFORMATION, THE HAZARDS CONNECTED WITH THE USE OF THE MATERIAL OR RESULTS TO BE OBTAINED FROM THE USE THEREOF. INFORMATION ON MSDS SUPPLIED BY INK MFG.

PREPARED BY: ALLEN WERWA, Safety Director 10/31/07