

MATERIAL SAFETY DATA SHEET

SPECIALTY INK CO., INC.

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(ALL
COLORS)

DATE PREPARED

02/25/04

INK NAME: 1250 INK

HEALTH: 2 CODE: 0=MINIMAL
 FLAMMABILITY: 2 1=SLIGHT
 REACTIVITY: 0 2=MODERATE
 PERSONAL PROTECTION: B 3=SERIOUS
 4=SEVERE

SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	ACGIH-TLV	OSHA-PEL	CAS NO
METHYL CELLOSOLVE*	37.00	5 PPM	25 PPM	109-86-4
DIACETONE ALCOHOL	25.00	50 PPM	50 PPM	123-42-2
ETHYL ALCOHOL	18.00	1000 PPM	1000 PPM	64-17-5

THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIRMENTS 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: 256 F
 MELTING POINT: -121 F
 VAPOR DENSITY: 2.62
 SPECIFIC GRAVITY: .9663
 REACTIVITY IN WATER: NONE
 SOLUBILITY IN WATER: INSOLUBLE
 AUTO IGNITION: 545 F
 VAPOR PRESSURE: 6 MM HG
 APPEARANCE & ODOR: MOBILE LIQUID MILD ODOR
 APPEARANCE & ODOR: VOC: 47.60 GMS/L
 LEL/UEL %: 2.8 15.1
 FLASH POINT: 102 F
 METHOD: CLOSED CUP

SECTION 4: FIRE & EXPLOSION DATA

EXTINGUISHING MEDIA: CARBON DIOXIDE
 EXTINGUISHING MEDIA: DRY CHEMICAL
 EXTINGUISHING MEDIA: ALCOHOL 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 EXPOSED EQUIPMENT
 SPECIAL FIRE PROCEDURES: USE WATERSPRAY TO PROTECT PERSONNEL
 UNUSUAL HAZARDS: WEAR SUITABLE EYE PROTECTION TO PREVENT
 UNUSUAL HAZARDS: EYE CONTACT.

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: KIDNEY INJURY FROM SWALLOWING
 SIGNS & SYMPTOMS OF EXPOSURE: HEADACHE, DIZZINESS, DROWSINESS
 SIGNS & SYMPTOMS OF EXPOSURE: FATIGUE, NAUSEA, VOMITING
 SIGNS & SYMPTOMS OF EXPOSURE: LOSS OF COORDINATION
 SIGNS & SYMPTOMS OF EXPOSURE: LOSS OF APPETITE, TREMORS
 MEDICAL CONDITIONS AGGRAVATED: IN LABORATORY INHALATION STUDIES WITH
 MEDICAL CONDITIONS AGGRAVATED: ANIMALS, METHYL CELLOSOLVE HAS CAUSED
 MEDICAL CONDITIONS AGGRAVATED: BIRTH DEFECTS IN FEMALES & REPRODUCTIVE
 MEDICAL CONDITIONS AGGRAVATED: PROBLEMS IN 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: IRRIGATE WITH CLEAN WATER FOR 15 MINUTES
 FIRST AID FOR SKIN: WASH WITH SOAP & WATER; CHANGE CLOTHING
 FIRST AID FOR INGESTION: GIVE TWO GLASSES OF WARM WATER
 FIRST AID FOR INGESTION: INDUCE VOMITING; GET MEDICAL ATTENTION
 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: USE ONLY WITH ADEQUATE VENTILATION
 HANDLING & STORAGE: KEEP CONTAINER CLOSED WHEN NOT IN USE
 HANDLING & STORAGE: KEEP AWAY FROM HEAT AND OPEN FLAME
 HANDLING & STORAGE: AVOID PROLONGED BREATHING OF VAPOR
 STEPS IF SPILLED: REMOVE SOURCES OF IGNITION; VENTILATE
 STEPS IF SPILLED: CONTAIN & COVER SPILL WITH AN ABSORBENT
 STEPS IF SPILLED: COLLECT & DISPOSE IN CHEMICAL WASTE DRUM
 STEPS IF SPILLED: DO NOT ALLOW SPILL TO ENTER WATERCOURSES
 WASTE DISPOSAL: INCINERATE IN A CHEMICAL FURNACE
 WASTE DISPOSAL: MUST CONFORM TO LOCAL, STATE & FEDERAL REGULATIONS

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: GENERAL ROOM VENTILATION IS SATISFACTORY
 VENTILATION: PROVIDE ADEQUATE CROSS AIR VENTILATION
 LOCAL EXHAUST: PREFERABLE
 MECHANICAL: ACCEPTABLE
 SPECIAL: NIOSH APPROVED ORGANIC VAPOR RESPIRATOR
 PROTECTIVE GLOVES: CHEMICAL RESISTANT

SECTION 8: SPECIAL PROTECTION INFORMATION

EYE PROTECTION: SPLASH GLASSES

OTHER PROTECTION: EYEWASH STATION

WORK/HYGENIC PRACTICES: THIS PRODUCT SHOULD NOT BE USED BY PREGNANT WOMAN.

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 05/17/04