

MATERIAL SAFETY DATA SHEET

SPECIALTY INK CO., INC

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SECTION 1:
MANUFACTURER

20 DUNTON AVENUE
DEER PARK, NY 11729
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EMERGENCY PHONE 1-800-688-4005
FAX NUMBER 631-586-3874

INK NAME: 1250 REACTIVATE

DATE PREPARED
05/01/02

HEALTH: 2 CODE: 0=MINIMAL
FLAMMABILITY: 3 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
ETHYL CELLOSOLVE*	50.00	5 PPM	25 PPM	109-86-4
ETHYL ALCOHOL	50.00	1000 PPM	1000 PPM	64-17-5

THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS OF
FEDERAL LAW 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: 216 F
FREEZING POINT: -121 F
VAPOR DENSITY: 2.11
SPECIFIC GRAVITY: .8889
REACTIVITY IN WATER: NONE
SOLUBILITY IN WATER: SOLUBLE, VOC: 57.64 GMS/L
AUTO IGNITION: 750 F
VAPOR PRESSURE: 2 MM HG
APPEARANCE & ODOR: CLEAR, MOBILE LIQUID
APPEARANCE & ODOR: MILD ODOR
LEL/UEL %: 4.3 18.8
FLASH POINT: 77 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 FIRE-EXPOSED AREA
SPECIAL FIRE PROCEDURES: USE WATERSPRAY TO PROTECT PERSONNEL
UNUSUAL HAZARDS: WEAR FACE SHIELD TO PROTECT FACE AND
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: KIDNEY DAMAGE IF SWALLOWED
SIGNS & SYMPTOMS OF EXPOSURE: HEADACHE, NAUSEA, VOMITING
SIGNS & SYMPTOMS OF EXPOSURE: DIZZINESS, DROWSINESS, FATIGUE
SIGNS & SYMPTOMS OF EXPOSURE: LOSS OF COORDINATION, TREMORS
SIGNS & SYMPTOMS OF EXPOSURE: LOSS OF APPETITE
MEDICAL CONDITIONS AGGRAVATED: IN LABORATORY INHALATION STUDIES WITH
MEDICAL CONDITIONS AGGRAVATED: RABBITS, 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 AND WATER; CHANGE CLOTHING
FIRST AID FOR INGESTION: GIVE TWO GLASSES OF LUKEWARM 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: KEEP CONTAINER CLOSED WHEN NOT IN USE
HANDLING & STORAGE: USE ONLY WITH ADEQUATE VENTILATION
HANDLING & STORAGE: KEEP AWAY FROM HEAT, SPARKS & OPEN FLAME
HANDLING & STORAGE: AVOID PROLONGED BREATHING OF VAPORS
LEAKS IF SPILLED: ELIMINATE SOURCES OF IGNITION; VENTILATE
LEAKS IF SPILLED: CONTAIN & COVER SPILL WITH AN ABSORBENT
LEAKS IF SPILLED: COLLECT & DISPOSE IN CHEMICAL WASTE DRUM
LEAKS IF SPILLED: DO NOT ALLOW SPILL TO ENTER WATERWAYS
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 IS SATISFACTORY
VENTILATION: PROVIDE ADEQUATE CROSS AIR CIRCULATION
LOCAL EXHAUST: PREFERABLE
MECHANICAL: ACCEPTABLE
SPECIAL: NIOSH APPROVED ORGANIC VAPOR RESPIRATOR
PROTECTIVE GLOVES: CHEMICAL IMPERVIOUS

Revised 01/14/03

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 01/14/03