FROM SPEE MPLS MN

(MON) 10. 25' 99 17:30/ST. 17:25/NO. 3561723826 P 2/6

SERICOL, INC./SUMMIT SCREEN INK 20 WEST 14TH AVENUE NORTH KANSAS CITY, MISSOURI 64116 (816) 474-0650

HMIS RATINGS HEALTH-----1 FLAMMABILITY----1 REACTIVITY----0

MATERIAL SAFETY DATA SHEET * **************

For screen printing inks as required under 29 CFR 1910.1200(g).

(816) 587-8178

EMERGENCY PHONE NUMBER PREPARER: CRAIG POGGENFOHL DATE OF PREPARATION REGULATORY COMPLIANCE MGR.

REVISIONS:

SECTION I--PRODUCT IDENTIFICATION 도부는 군도의 취류 도마면 전보로 도면 현실 등록 함으로 그리고 보는 모든 경우가 보도 모든 하면 보도 중요한 전략으로 모든 한 이 중요로 모르면 다른 요로 함께 되는 것으로 함께 되는 것으로 함께 되는 것

PRODUCT CODE : X99782

LABEL IDENTITY: ZJET 980 RETARDER

PRODUCT CLASS : SCREEN INK REDUCER

=ㅁ팑습쓰는 미르스뉴트웨션후로드므로/,ㄷㅌㅌㅌㅌㅌㅋㅌㅌㅋㅋㅌㅌㅋㅋㅌ리네트워닭동(ㅌㅎㅋ; ᡖ냐면의ㅋ৪구슈ㅌ=ㅋㅌㅌㅋㅎㅎㅎㅎㅎㅋㅋㅋㅋㅋ SECTION II -- HAZARDOUS INGREDIENTS · 公开中央公司生命基础在共享工作开口技术国界为公司目标不同性工事系统设置证明和任务工作设计的实现实现的企业和工作和企业技术的企业和企业。 COMMON NAME RECOMMENDED EXPOSURE VAPOR PRESSURE (CAS REGISTRY #) LIMITS (PPM) * (mm Hg @ 20 C) * ACGIH TLV-TWA OSHA PEL DIETHYLENE GLYCOL ETHYL ETHER ACETATE 0.05 (112-15-2)NA - NOT APPLICABLE NE - NOT ESTABLISHED UKN - UNK + UNLESS NOTED OTHERWISE, THE UNITS ARE PPM AND mm Hg # 20 C, UKN - UNKNOWN RESPECTIVELY, FOR EXPOSURE LIMITS AND VAPOR PRESSURES.

SECTION III -- PHYSICAL AND CHEMICAL CHARACTERISTICS 5. [2] "我们们们只有这种,我们们就会看到这个人,我们就是这种的,我们们就是这个人的,我们也可以会会的,我们也可以是是一个人的。" "我们也可以是一个人的

BOILING POINT: 417.2 - 429.8 DEGREES FAHRENHEIT.

DENSITY IS 8.43 LBS./GALLON

VOC CONTENT OF MATERIAL: 100% OR 1,00% GRAMS PER LITER.

VOC CONTENT OF COATING LESS WATER AND LESS EXEMPT SOLVENTS: 1,008 G/L.

SOLUBILITY IN WATER: 100%

SPECIFIC VAPOR DENSITY (AIR = 1): 6.07.

EVAPORATION RATE (N-BUTYL ACETATE = 1) < 0.01
APPEARANCE AND ODOR: COLORLESS, MOBILE, CLEAR LIQUID. FAINT ODOR.

SECTION IV -- PHYSICAL HAZARD DATA

FLAMMABILITY CLASSIFICATIONS: OSHA: CLASS IIIB DOT: NOT REGULATED CLOSED CUP FLASH POINT: 211 F. LOWER EXPLOSIVE LIMIT: 0.9 %

UPPER EXPLOSIVE LIMIT: 19.4 %

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EXTINGUISHING MEDIA: "CLASS B" FIRE EXTINGUISHERS USED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

"ALCOHOL" FOAM COZ DRY CHEMICAL WATER FOG

UNUSUAL FIRE OR EXPLOSION HAZARDS: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAMES. CLOSED CONTAINERS MAY RUPTURE OR EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CONSTITUTE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT.

SPECIAL FIREFIGHTING PROCEDURES: FULL PROTECTIVE EQUIPMENT IS RECOMMENDED TO PROTECT FIRE FIGHTERS FROM ANY HAZARDOUS DECOMPOSITION

WATER MAY HE UNSUITABLE FOR USE ON BURNING LIQUIDS. IF WATER MUST BE USED, FOG NOZZLES ARE HIGHLY PREFERABLE. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTO-IGNITION, EXPLOSION, OR RUFTURE WHEN EXPOSED TO EXTREME HEAT.

SECTION V -- EMERGENCY AND FIRST-AID PROCEDURES

PRIMARY ROUTES OF ENTRY ARE DERMAL AND INHALATION.

FOR SWALLOWING: DRINK TWO GLASSES OF WATER TO DILUTE. INDUCE VOMITING IF THE VICTIM IS CONSCIOUS, NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONSULT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY. BE PREPARED TO PROVIDE THE ATTENDING PHYSICIAN WITH A

FOR SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY WITH MILD SOAP AND WARM WATER. CONSULT A PHYSICIAN IF THERE IS ANY

FOR INHALATION: REMOVE VICTIM TO A WELL VENTILATED AREA. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS REQUIRED. TREAT SYMPTOMATICALLY AND

FOR EYE CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST FIFTEEN MINUTES. CONSULT PHYSICIAN FOR MEDICAL TREATMENT, IF NECESSARY.

SPECIAL NOTES TO ATTENDING PHYSICIAN: THERE IS NO SPECIFIC ANTIDOTE. TREATMENT OF OVEREXPOSURE SHOULD BE DIRECTED AT CONTROL OF THE SYMPTOMS AND THE CLINICAL CONDITION.

SECTION VI -- SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE EFFECTS:

SWALLOWING: SINGLE DOSE ORAL TOXICITY IS LOW. SWALLOWING SMALL AMOUNTS DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS; SWALLOWING LARGE AMOUNTS MAY BE HARMFUL. SYMPTOMS MAY INCLUDE GASTROINTESTINAL IRRITATION (NAUSEA, VOMITING, DIARRHEA).

SKIN ABSORPTION: NO DATA.

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INHALATION: OVEREXFOSURE INCLUDES NOSE, THROAT AND RESPIRATORY TRACT IRRITATION.

SKIN CONTACT: EXPOSURE MAY CAUSE MILD SKIN IRRITATION. SYMPTOMS MAY INCLUDE REDNESS AND BURNING.

EYE CONTACT: EXPOSURE MAY CAUSE MILD EYE IRRITATION. SYMPTOMS MAY INCLUDE STINGING, TEARING, AND REDNESS.

MEDICAL CONDITIONS KNOWN TO BE AGGRAVATED BY OVEREXPOSURE: PRE-EXISTING LUNG DISORDERS, E.G. ASTHMA-LIKE CONDITIONS.

CHRONIC EFFECTS: NO DATA.

ADDITIONAL KNOWN HEALTH HAZARDS:
REPORTS HAVE ASSOCIATED PROLONGED AND REPEATED OCCUPATIONAL
OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM
DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING
THE CONTENTS MAY BE HARMFUL OR FATAL.

SECTION VII -- REACTIVITY DATA COMMENCE -- COMMENCE -

THIS MIXTURE IS STABLE AND HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ALKALIES.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, VARIOUS HYDROCARBONS.

CONDITIONS TO AVOID: EXTREME TEMPERATURES, SPARKS, OPEN FLAMES OR ANY OTHER IGNITION SOURCES.

SECTION VIII -- SPILL OR LEAK PROCEDURES LEAGURES LEAGURES LEAGURES LEAGURES

STEPS TO BE TAXEN IF MATERIAL IS SPILLED OR RELEASED: USING NON-SPARKING TOOLS, PLACE LEAKING CONTAINERS IN A WELL VENTILATED AREA. AVOID BREATHING VAPORS.

ELIMINATE ALL SOURCES OF HEAT, SPARRS, OR IGNITION.
NOTIFY PROPER AUTHORITIES IP DUBLIC WATERS OF COMPRE

NOTIFY PROPER AUTHORITIES IF PUBLIC WATERS OR SEWERS ARE CONTAMINATED.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
REFER TO SECTIONS IV, V, VI, VII AND IX OF THIS DOCUMENT BEFORE
ATTEMPTING ANY CLEANUP.

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RESPIRATORY PROTECTION: WHERE CONCENTRATIONS IN AIR MAY EXCEED THE LIMITS GIVEN IN SECTION II AND ENGINEERING, WORK PRACTICE OR OTHER MEANS OF EXPOSURE REDUCTION ARE NOT ADEQUATE, NIOSH/MSHA APPROVED RESPIRATORS MAY BE NECESSARY TO PREVENT OVEREXPOSURE.

VENTILATION REQUIREMENTS: LOCAL EXHAUST RECOMMENDED WHEN APPROPRIATE TO CONTROL EXPOSURE TO MIST OR AEROSOLS. GENERAL EXHAUST IS NORMALLY ADEQUATE TO MINIMIZE EXPOSURE TO VAFORS.

FROTECTIVE GLOVES: HUBBER OR HEOPRENE TO MINIMIZE SKIN CONTACT.

HYGIENIC SAFETY GOGGLES OR FULL FACE SHIELD.

PRODUCTS, OR USING THE WASHROOM. TOBACCO AND FOOD SHOULD BE CONSUMED IN DESIGNATED AREAS ONLY.

ADDITIONAL SAFETY EQUIPMENT: IMPERMEABLE APRONS AND BOOTS. SAFETY SHOWER AND EYE BATH SHOULD BE MADE AVAILABLE.

SECTION X -- SPECIAL PROCEDURES

TRANSPORTATION, STORAGE, AND HANDLING: AVOID CONDITIONS LISTED IN SECTION VII. AVOID PROLONGED STORAGE AT TEMPERATURES IN EXCESS OF 100 F.

SERICOL, INC. MAKES NO WARRANTY, EXPRESSED OR IMPLIED, AS TO THE ACCURACY OR RELIABILITY OF INFORMATION CONTAINED HEREIN, EXCEPT THAT SUCH INFORMATION IS, TO THE BEST OF SERICOL'S KNOWLEDGE AND BELIEF, ACCURATE AS OF THE DATE INDICATED ON THIS DOCUMENT. FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER. ALL MATERIALS MAY PRESENT UNKNOWN HEALTH HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

SECTION XII -- CUSTOMER'S OBLIGATIONS

SERICOL, INC. URGES THE CUSTOMER RECEIVING THIS MATERIAL SAFETY DATA SHEET TO STUDY IT CAREFULLY TO BECOME AWARE OF HAZARDS, IF ANY, OF THE PRODUCTS INVOLVED. IN THE INTEREST OF SAFETY, YOU SHOULD (1) NOTIFY YOUR EMPLOYEES, AGENTS, AND CONTRACTORS OF THE INFORMATION ON THIS SHEET, (2) FURNISH A COPY TO EACH OF YOUR CUSTOMERS FOR THIS PRODUCT, AND (3) REQUEST YOUR CUSTOMERS TO INFORM THEIR EMPLOYEES, CUSTOMERS, AND AGENTS, AS WELL.

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·보생님인행리중소국목본의학본의트로그로로등도로를 가장 한국 선생님들은 전략 기본 전략 전략 기본 등을 받는 것 같아 기본 등 SECTION XIII -- REGULATORY INFORMATION 琳스프라워크레스트로프스트는는는프라드라드로스트스트는 이동 선택되었습<mark>러 아이트로 기</mark>업을 기업을 하는데 그는 그리는 그리는 그리는 그리는 그리는 그리는 것을 받았다. **이**어트로 그는

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS: THE INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.

THIS PRODUCT CONTAINS A TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE ANNUAL REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

CONTAINS: DIETHYLENE GLYCOL ETHYL ETHER ACETATE CAS# 112-15-2, 99-100% BY WEIGHT.

THIS NOTIFICATION MUST NOT BE DETACHED FROM THE MATERIAL SAFETY DATA SHEET (MSDS) AND ANY COPYING AND REDISTRIBUTION OF THE MSDS SHALL INCLUDE COPYING AND REDISTRIBUTION OF THE NOTICE ATTACHED TO COPIES OF THE MSDS

STATE OF CALIFORNIA: THIS PRODUCT IS NOT "PHOTOCHEMICALLY REACTIVE" BY DEFINITION OF RULE 102 OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT.