MATERIAL SAFETY DATA SHEET

ORDER NUMBER: 205834-00
DATE: 03/15/88
REPLACES: 1/12/88

CUSTOMER: DANIEL SMITH, INC.

SECTION I

HANDSCHY INDUSTRIES, INC.
120 25TH AVE.
BELLWOOD, IL 60104
EMERGENCY TELEPHONE NO.: (312) 276-6400

PRODUCT CLASS: OXIDIZING OFFSET INK
PRODUCT NUMBER: CS-300ND
PRODUCT NAME: OFFSET FLAME RED
NO DRIER LITHO

SECTION II - HAZARDOUS INGREDIENTS

NO INGREDIENTS CONSIDERED HAZARDOUS

SECTION III - PHYSICAL DATA

BOILING RANGE (F): 464 TO 630
TYPE OF ODOR: OILY
APPEARANCE: COLORED PASTE
LIQUID DENSITY VS. WATER: HEAVIER
VAPOR DENSITY VS. AIR: HEAVIER
EVAPORATION RATE VS. BUTYL ACETATE: SLOWER

SECTION IV - FIRE & EXPLOSION DATA

FLAMMABILITY CLASSIFICATION:
OSHA: IIIIB COMBUSTIBLE LIQUID
LEL [%]: UNKNOWN
FLASH POINT (F): > 200
METHOD USED: T.C.C.

EXTINGUISHING MEDIA:
FOAM, CO2, DRY CHEMICAL

UNUSUAL FIRE AND EXPLOSION HAZARDS:
DENSE SMOKE MAY BE GENERATED WHEN BURNING.
MATERIAL SAFETY DATA SHEET (CONTINUED)

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SECTION IV - FIRE & EXPLOSION DATA (CONTINUED)

SPECIAL FIREFIGHTING PROCEDURES:
WATER OR FOAM MAY BE INEFFECTIVE DUE TO FROTHING, BUT CAN
BE USED TO COOL CONTAINERS EXPOSED TO HEAT OR FLAME.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:
SKIN CONTACT: PROLONGED CONTACT MAY RESULT IN DRYNESS,
IRRITATION, DERMATITIS.
EYE CONTACT: MAY CAUSE IRRITATION OR REDNESS.

PRIMARY ROUTE(S) OF ENTRY:
DERMAL

EMERGENCY AND FIRST AID PROCEDURES:
SKIN CONTACT: WASH WITH PLENTY OF SOAP AND WATER, REMOVE
CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE.
EYE CONTACT: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES, GET
MEDICAL ATTENTION IF NECESSARY.
INGESTION: DO NOT INDUCE VOMITING, GET MEDICAL
ATTENTION IMMEDIATELY.
INHALATION: REMOVE TO FRESH AIR.

SECTION VI - REACTIVITY DATA

PRODUCT STABILITY: STABLE

CONDITIONS TO AVOID:
EXCESSIVE TEMPERATURE, DIRECT SOURCES OF HEAT, STRONG
OXIDIZING AGENTS.

SECTION VII - SPILL OR LEAK PROCEDURES

PROCEDURE WHEN MATERIAL SPILLED OR RELEASED:
STOP SOURCES OF SPILLS, SHOVEL OR WIPE UP, IF HYDRACARBON
SOLENT HAS BEEN USED TO AID IN CLEANING UP, PROVIDE
ADEQUATE VENTILATION DURING CLEAN-UP.

WASTE DISPOSAL METHOD:
IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL WASTE
MANAGEMENT LAWS.

CONTAINS BARIUM WHICH IS A RCRA REGULATED MATERIAL UNDER
40CFR261, EPA HAZARDOUS WASTE NUMBER D005, DISPOSE OF AT AN
VENTILATION: LOCAL MECHANICAL EXHAUST PREFERABLE.

PROTECTIVE GLOVES: RECOMMENDED IN CASES OF PROLONGED CONTACT.

RESPIRATORY PROTECTION: NONE REQUIRED IN NORMAL HANDLING.

EYE PROTECTION: GOGGLES RECOMMENDED IF MIST IS PRESENT.

OTHER PROTECTIVE EQUIPMENT: NONE.

HANDLING AND STORING: STORE AT 35 - 120 DEGREES F. KEEP CONTAINERS CLOSED AND LABELED.

OTHER PRECAUTIONS: AVOID CONTACT WITH SKIN AND EYES. WASH WITH SOAP AND WATER BEFORE EATING, SMOKING, DRINKING OR USING TOILET FACILITIES.