

MATERIAL SAFETY DATA SHEET

ORDER NUMBER: 279211-00

DATE: 12/18/86

CUSTOMER: DANIEL SMITH, INC.

SECTION I

HANDSCHY INDUSTRIES, INC.
2525 ELSTON AVE.
CHICAGO IL 60647

EMERGENCY TELEPHONE NO.: (312) 276-6400

PRODUCT CLASS: OXIDIZING OFFSET INK

PRODUCT NUMBER: CS-400ND

PRODUCT NAME: ~~OFFSET CS 400 THALO GS~~
BLUE NO DRIER LITHO

SECTION II - HAZARDOUS INGREDIENTS

COMPONENT	CAS #	PEL(MG/M3)	TLV(MG/M3)	%
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> 0.1

NOTE:

THIS PRODUCT CONTAINS HIGH-BOILING PETROLEUM DISTILLATES OF A TYPE NOT CONSIDERED BY OUR SUPPLIER TO BE A HAZARDOUS SUBSTANCE AS DEFINED BY O.S.H.A.'S HAZARD COMMUNICATION STANDARD 29CFR 1910.1200. OIL MIST IS NOT EXPECTED TO BE GENERATED BY THIS PRODUCT DURING NORMAL USE. THIS PRODUCT CONTAINS NO "OIL MIST." THE O.S.H.A. PEL-TWA (PERMISSIBLE EXPOSURE LIMIT - TIME WEIGHTED AVERAGE - 8 HOURS) FOR OIL MIST IS 5 MILLIGRAMS PER CUBIC METER.

SECTION III - PHYSICAL DATA

BOILING RANGE (F): 464 TO 639 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: IIIIF COMBUSTIBLE LIQUID LEL (%): UNKNOWN

FLASH POINT (F): > 200 METHOD USED: T.C.C.

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SECTION IV - FIRE & EXPLOSION DATA (CONTINUED)

EXTINGUISHING MEDIA:

FOAM, CO2, DRY CHEMICAL

UNUSUAL FIRE AND EXPLOSION HAZARDS:

DENSE SMOKE MAY BE GENERATED WHEN BURNING.

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 LAUNDRY 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 HYDROCARBON SOLVENT HAS BEEN USED TO AID IN CLEANING UP, PROVIDE ADEQUATE VENTILATION DURING CLEAN-UP.

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SECTION VII - SPILL OR LEAK PROCEDURES (CONTINUED)

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

SECTION VIII - SPECIAL PROTECTION INFORMATION

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.

SECTION IX - SPECIAL PRECAUTIONS

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.