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40311-XXXX

MATERIAL SAFETY DATA SHEET
AKUA-KOLOR WATER-BASED INKS
DATE PREPARED
February 15, 2000, UPDATED 2006

SECTION 1
CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
AKUA-KOLOR WATER-BASED INK
PRODUCT CODE
N/A
CHEMICAL FAMILY
N/A
CHEMICAL NAME
N/A
FORMUAL
N/A
MANUFACTURE
ROSTOW & JUNG WATER-BASED PRINTSHOP & INKS, INC.
219 EAST 4TH STREET, NY, NY 10009 USA
CONTACT PERSON:
SUSAN ROSTOW
INFORMATION TEL:
212-473-4670
EMERGENCY TEL:
212-473-4670
CHEMTREC TEL:
N/A

SECTION 2
COMPOSITION, INFORMATION OR INGREDIENTS

INGREDIENT LISTING
PROPRIETARY INGRED MIXTURE
CAS NO
N/L
OSHA
PEL
ACGIH TLV
N/L
STEL
N/L
COMP
N/L100.00

The proprietary ingredients in this product are judged to be non-hazardous and are regarded as trade secrets.

SECTION 3
HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
NON-HAZARDOUS MATERIAL
PHYSICAL DESCRIPTION:
WATERY COLORED LIQUID
MAJOR HEALTH HAZARDS:

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NONE FOR USUAL AND ORDINARY USES OF PRODUCT
PHYSICAL HAZARDS:
NONE FOR USUAL AND ORDINARY USES OF PRODUCT
ROUTES OF ENTRY:
INHALATION: NO
SKIN: NO:
EYE: NO
INGESTION: NO
POTENTIAL HEALTH EFFECTS
NONE KNOWN FOR USUAL AND ORDINARY USES OF PRODUCT
INHALATION:
SHORT TERM EXPOSURE
N/A
LONG TERM EXPOSURE
N/A
SKIN CONTACT:
SHORT TERM EXPOSURE
N/A
LONG TERM EXPOSURE
N/A
EYE CONTACT:
SHORT TERM EXPOSURE
N/A
LONG TERM EXPOSURE
N/A
INGESTION:
SHORT TERM EXPOSURE
N/A
LONG TERM EXPOSURE
N/A
CARCINOGEN STATUS:
NTP
NOT LISTED
IARC
NOT LISTED
OSHA
NOT LISTED
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
NONE

SECTION 4
FIRST AID MEASURES

EYES:
EYE CONTACT:
CAREFULLY FLUSH FOR 15 MINUTES. IF IRRITATION OCCURS, CONTACT A PHYSICIAN
SKIN:
WASH WITH SOAP AND WATER.
INHALATION:
NOT LIKELY TO OCCUR; SEEK FRESH AIR
INGESTION:
DRINK WATER OR MILK TO DILUTE. DO NOT INDUCE VOMITING.

SECTION 5
FIRE FIGHTING MEASURES

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FLASH POINT:
NONE
FIRE AND EXPLOSION HAZARDS:
NONE
EXTINGUISHING MEDIA:
WATER, FOAM CARBON DIOXIDE OR DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES:
NONE REQUIRED FOR THIS MATERIAL

**SECTION 6
ACCIDENTAL RELEASE MEASURES**

SPILL/LEAK
CONTAIN SPILL. RECOVER AS MUCH AS POSSIBLE BY MECHANICAL MEANS.
PROCEDURES ABSORB REMAINDER WITH AN INER MATERIAL.
PLACE INTO CLOSED CONTAINER AND STORE TO AWAIT DISPOSAL.
WASH AREA WITH SOAP & WATER.

**SECTION 7
HANDLING AND STORAGE**

STORAGE TEMPERATURE
(MIN/MAX) STORE AT 70 DEG F.
(MIN: 50 DEG F MAX: 100 DEG F.
SHELF LIFE:NOT DETERMINED
SPECIAL Sensitivity
NONE LIKELY OR KNOWN
HANDLING AND STORAGE:
FOR PERSONAL PROTECTION AND HYGIENE:
WASH THOROUGHLY AFTER HANDLING.WASH BEFORE EATING, SMOKING OR USING
TOILET FACILITIES.
PRECAUTIONS: AVOID EYE & SKIN CONTACT.
KEEP CONTAINER CLOSED WHEN IN USE AND UPRIGHT TO PREVENT LEAKAGE.

**SECTION 8
EXPOSURE CONTROLS, PERSONAL PROTECTION**

EXPOSURE LIMITS:
NONE KNOWN
EYE PROTECTION:
WEAR SPLASH GOGGLES WHERE SPILLS OR SPLASHING MAY OCCUR.
SKIN PROTECTION:
NOT REQUIRED.
RESPIRATORY AND VENTILATION:
WEAR APPROVED NIOSH/MSHA RESPIRATOR IF EXPOSURE TO MIST OR VAPOR EXCEEDS
APPLICABLE PEL/TLV LIMITS. USE IN ACCORDANCE WITH MANUFACTURER'S USE
SUGGESTIONS & OSHA STANDARD 1910.134

**SECTION 9
PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL FORM
WATERY LIQUID
COLOR:
VARIOUS COLORS

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ODOR
NO DISCERNIBLE ODOR
BOILING POINT
212 DEG. F.
MELT POINT
N/A
FREEZE POINT
32 DEG. F.
PH
N/A
SOLUBILITY IN WATER:
MISCIBLE LIQUID
SPECIFIC GRAVITY
N/A
BULK DENSITY
N/A
% VOLATILE BY WEIGHT
N/A
VAPOR PRESSURE
EQUIV TO WATER
VAPOR DENSITY
EQUIV TO WATER

SECTION 10
STABILITY AND REACTIVITY

STABILITY:
STABLE
POLYMERIZATION:
NO
INCOMPATIBILITIES:
AVOID STRONG OXIDIZING AGENTS
DECOMPOSITION PRODUCTS:
NONE KNOWN
CONDITIONS TO AVOID:
N/A

SECTION 11
TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:
HEATED DECOMPOSITION PRODUCTS MAY CAUSE EYE AND RESPIRATOR IRRITATION.
INHALATION:
NOT LIKELY TO OCCUR; DO NOT SPRAY APPLY WITHOUT SOURCE OF FRESH AIR.
SKIN CONTACT:
PROLONGED LIQUID CONTACT WITH SKIN MAY CAUSE IRRITATION OR REDNESS.
EYE CONTACT:
PROLONGED LIQUID CONTACT WITH EYES MAY CAUSE IRRITATION REDNESS
INGESTION:
NO EFFECTS KNOWN IN USUAL AND ORDINARY USES OF PRODUCT

SECTION 12
ECOLOGICAL INFORMATION

NONE LIKELY; NOT KNOWN

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**SECTION 13
DISPOSAL CONSIDERATION:**

WASTE DISPOSAL
METHOD: DISPOSE OF ALL WASTE MATERIAL IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL REGULATIONS FOR THE DISPOSAL OF AQUEOUS PAINT
WASTES. DO NOT FLUSH LIQUID INTO PUBLIC SEWER OR WATER SYSTEMS

**SECTION 14
TRANSPORTATION INFORMATION:**

D.O.T. SHIPPING NAME:
NOT KNOWN
TECHNICAL SHIPPING NAME:
NOT KNOWN
D.O.T. HAZARD CLASS:
NOT KNOWN
U.N./N.A. NUMBER
NOT KNOWN
PRODUCT RQ (LBS)
NOT KNOWN
D.O.T. LABEL
NOT KNOWN
D.O.T. PLACARD
NOT KNOWN
FREIGHT CLASS BULK
NOT KNOWN
FREIGHT CLASS PACKAGE
NOT KNOWN
PRODUCT LABEL
NOT KNOWN

**SECTION 15
REGULATORY INFORMATION**

OSHA STATUS
N/A
TSCA STATUS
N/A
CERCLA REPORTABLE
N/A
QUANTITY
SARA TITLE III
N/A
SECTION 32
EXTREMELY HAZARDOUS N/A SUBSTANCES
SECTION 311/312 HAZARD CATEGORIES N/A
SECTION 313
TOXIC CHEMICALS: N/A
RCRA STATUS: N/A
STATE REGULATORY: N/A
INFORMATION
COMPONENT NAME & CAS NUMBER
NONE

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CONCENTRATION

NONE

STATE CODE

NONE

FHSA STATUS

CONFORMS TO ASTM D-4236, LHAMA AND FHSA.

CFR 1500.14

ASTM D-4236 STATUS

CONFORMS TO ASTM D-4236

SECTION 16**OTHER INFORMATION**

REASON FOR ISSUE: INITIAL DOCUMENT

PREPARED BY: ENVIRONMENTAL MEDICINE INCORPORATED

APPROVED BY: RUDOLPH J. JAEGER, PHD, DABT, REA

TITLE: PRESIDENT AND PRINCIPAL SCIENTIST

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SUPERCEDES DATE:

MSDS NUMBER: 01

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