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

SECTION 1
CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
AKUA Modifiers TACK THICKENER, BLENDING MEDIUM, RETARDER,
EXTENDER

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/L 100.00

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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:

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

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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

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

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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
CLEAR TO AMBER
VARIOUS COLORS
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

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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

**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

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**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

CONCENTRATION

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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
APPROVAL DATE 02/15/00
SUPERCEDES DATE:
MSDS NUMBER: 01

MSDS SUMMARY OF CHANGES: N/A
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