

LAWRENCE

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208 PORTLAND ROAD
HOVE
BN3 5QT
Tel 01273 260 260
Fax 01273 260 270
E-mail artbox@lawrence.co.uk

MATERIAL SAFETY DATA SHEET

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Akua Kolor Ink (TNL 540300—540351)

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

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:

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

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

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

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

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

The information provided on this sheet is based on our knowledge of the product concerned at the date of issue. It is provided in good faith. Users should also bear in mind that risks may arise when a product is put to uses other than those for which it is destined.