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MATERIAL SAFETY DATA SHEET - NO 01 AKUA INTAGLIO - WATER BASED INKS 1 OF 5  
 DATE PREPARED 02/26/2002 DATE REVISED May 6, 2013 FCMMASTER

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME AKUA INTAGLIO- WATER BASED INKS / AKUA TRANSPARENT BASE / AKUA RELEASE CC00-705  
 PRODUCT CODE AGENT / AKUA MAG MIX  
 CHEMICAL FAMILY n/a  
 CHEMICAL NAME n/a  
 FORMULA n/a  
 MANUFACTURER NAME Speedball Art Products USA  
 ADDRESS 2301 Speedball Road  
 CITY, STATE, ZIP Statesville NC 28677  
 CONTACT PERSON: Bud Martin  
 TITLE Director of R & D  
 INFORMATION TEL: 1-800-898-7224  
 EMERGENCY TEL: 1-800-898-7224  
 CHEMTREC TEL: N/A

SECTION 2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient Listing	CAS No.	OSHA PEL	ACGIH TLV	STEL	% COMP
PROPRIETARY INGRED	56-81-5	N/L	N/L	N/L	100.00

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: Paste or thick liquid  
 MAJOR HEALTH HAZARDS: None for the usual and ordinary uses of product  
 PHYSICAL HAZARDS: None for the usual and ordinary uses of product  
 ROUTES OF ENTRY: INHALATION no SKIN no EYE 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

Item Numbers: 40309-0089, 40309-1020, 40309-1021, 40309-1023, 40309-1030, 40309-1083, 40309-2020, 40309-2023, 40309-2040, 40309-2043, 40309-2100, 40309-2103, 40309-2120, 40309-2121, 40309-2123, 40309-2560, 40309-2563, 40309-2610, 40309-2613, 40309-3080, 40309-3120, 40309-3121, 40309-3123, 40309-3160, 40309-3181, 40309-3183, 40309-3820, 40309-3823, 40309-4040, 40309-4041, 40309-4043, 40309-4490, 40309-4491, 40309-4700, 40309-4701, 40309-4703, 40309-4920, 40309-5160, 40309-5161, 40309-5163, 40309-5230, 40309-5231, 40309-6510, 40309-7110, 40309-7113, 40309-7800, 40309-7801, 40309-7803, 40309-8040, 40309-8050, 40309-8070, 40309-8310, 40309-9030, 40309-9031, 40309-9033, 40309-9320, 40309-9321, 40309-9323, 40309-1000, 40309-1001 Page 1 of 5

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**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.

**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 PROCEDURES** Wash area with soap and 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. Store in a tightly closed container. Store in a cool, dry, place.

**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

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**MATERIAL SAFETY DATA SHEET - NO 01 AKUA INTAGLIO - WATER BASED INKS 3 OF 5****EYE PROTECTION:** Wear splash goggles where spills or splashing may occur.**SKIN PROTECTION:** Not required.**RESPIRATORY AND VENTILATION:** Not required.**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL FORM	paste or thick 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
SPECIFIC GRAVITY	n/a
BULK DENSITY	n/a
% VOLATILE BY WEIGHT	n/a
VAPOR PRESSURE	n/a
VAPOR DENSITY	n/a

**SECTION 10 STABILITY AND REACTIVITY****STABILITY:** stable**POLYMERIZATION:** no**INCOMPATIBILITIES:** none known**DECOMPOSITION PRODUCTS:** none known**CONDITIONS TO AVOID:** n/a**SECTION 11 TOXICOLOGICAL INFORMATION**

<b>HEALTH EFFECTS:</b>	Heated decomposition products may cause eye and respiratory irritation.
<b>INHALATION:</b>	Not likely to occur; do not spray apply without source of fresh air.
<b>SKIN CONTACT:</b>	Prolonged liquid contact with skin may cause irritation or redness.
<b>EYE CONTACT:</b>	Prolonged liquid contact with eyes may cause irritation or redness.
<b>INGESTION:</b>	No effect: known in usual and ordinary uses of product

**SECTION 12 ECOLOGICAL INFORMATION**

Item Numbers 40309-0089 40309-1020 40309-1021 40309-1023 40309-1080 40309-1083 40309-2020 40309-2023 40309-2040 40309-2043 40309-2100 40309-2103 40309-2120 40309-2121 40309-2123 40309-2560 40309-2563 40309-2610 40309-2613 40309-3080 40309-3120 40309-3121 40309-3123 40309-3160 40309-3161 40309-3163 40309-3620 40309-3623 40309-4040 40309-4041 40309-4043 40309-4490 40309-4491 40309-4700 40309-4701 40309-4703 40309-4920 40309-5160 40309-5161 40309-5163 40309-5230 40309-5231 40309-6510 40309-7110 40309-7113 40309-7800 40309-7801 40309-7803 40309-8040 40309-8050 40309-8070 40309-8310 40309-9030 40309-9031 40309-9033 40309-9320 40309-9321 40309-9323 40309-1000 40309-1001

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None likely; not known

SECTION 13 DISPOSAL CONSIDERATIONS:

WASTE DISPOSAL METHOD: Dispose of all waste material in accordance with all applicable federal, state and local regulations.

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 QUANTITY n/a

SARA TITLE III: n/a

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES n/a

SECTION 311/312 HAZARD CATEGORIES n/a

SECTION 313 TOXIC CHEMICALS n/a

RCRA STATUS No lead content based on lead test. Other metals have not been tested but do not contain RCRA metals beyond trace quantities and will not exceed TCLP limits.

STATE REGULATORY INFORMATION n/a

COMPONENT NAME & CAS NUMBER	CONCENTRATION	STATE CODE
none	none	none

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FHSA STATUS Conforms to ASTM D-4236, LHAMA AND FHSA

16 CFR 1500.14

ASTM D-4236 STATUS Conforms to ASTM D-4236

SECTION 16 OTHER INFORMATION

REASON FOR ISSUE: RCRA statement
PREPARED BY: Environmental Medicine Incorporated
APPROVED BY: Rudolph J. Jaeger, PhD, DABT, REA (California)
TITLE: President and Principal Scientist
APPROVAL DATE: 03/31/2008
SUPERCEDES DATE: 02/27/2002
MSDS NUMBER: 01

MSDS SUMMARY OF CHANGES: N/A

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REVISION DATE 05/06/2013

Item Numbers 40309-0059, 40309-1020, 40309-1021, 40309-1023, 40309-1080, 40309-1083, 40309-2020, 40309-2023, 40309-2040, 40309-2043, 40309-2100, 40309-2103, 40309-2120, 40309-2121, 40309-2123, 40309-2560, 40309-2563, 40309-2610, 40309-2613, 40309-3060, 40309-3120, 40309-3121, 40309-3123, 40309-3160, 40309-3161, 40309-3163, 40309-3820, 40309-3823, 40309-4040, 40309-4041, 40309-4043, 40309-4490, 40309-4491, 40309-4700, 40309-4701, 40309-4703, 40309-4920, 40309-5160, 40309-5161, 40309-5163, 40309-5230, 40309-5231, 40309-6510, 40309-7110, 40309-7113, 40309-7800, 40309-7801, 40309-7603, 40309-8040, 40309-8050, 40309-8070, 40309-8310, 40309-9030, 40309-9031, 40309-9033, 40309-9320, 40309-9321, 40309-9323, 40309-1000, 40309-1001 Page 5 of 5