

# SAFETY DATA SHEET

9733337 A, B, C, D, E, F, G, H, J, K, L,  
M, N, P, Q, R, T, U, V, W, X, Y,  
Z, AA, AB, AC, AD 6/24/2015

6790.

RA20910  
RA20912-RA20939

## SECTION I - IDENTIFICATION

### Material Name

AKUA INTAGLIO INKS

### Manufacturer Information

Speedball Art Products Co.  
P.O. Box 5157  
2301 Speedball Road  
Statesville, NC 28677  
Phone 704-978-4166  
Fax: 1-704-838-1472  
Email: budmartin@speedballart.com

For transportation emergencies only call: 1-800-898-7224  
For health emergencies call the Poison Control Center: 1-800-222-1222

## SECTION II - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

There are no GHS label elements.

PRIMARY ROUTES OF ENTRY: INHALATION, INGESTION, EYE, SKIN

EFFECTS AND SYMPTOMS OF ACUTE EXPOSURE: NONE EXPECTED

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: NONE EXPECTED

CARCINOGEN LISTING: NTP: **NO** IARC: **NO** OSHA **NO**

SEE SECTION III FOR COMPONENTS AFFECTED

MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVER EXPOSURE TO THIS PRODUCT: NONE

## SECTION III - COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS/EC #</u>	<u>PEL/TLV (MG/M#)</u>	<u>Max % Weight</u>	<u>NTP</u>	<u>IARC</u>
None					

## SECTION IV - FIRST AID MEASURES

FIRST AID MEASURES: NONE REQUIRED. NO ACUTE HEALTH EFFECTS EXPECTED.

## SECTION V - FIRE FIGHTING MEASURES

FLASH POINT (METHOD): N/A AUTOIGNITION TEMPERATURE: N/A  
EXPLOSION LIMITS IN AIR (% BY VOLUME): NOT EXPLOSIVE

EXTINGUISHING MEDIA: NO SPECIAL MEDIA REQUIRED  
FIRE FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED  
UNUSUAL FIRE & EXPLOSION HAZARDS: NOT COMBUSTIBLE

## **SECTION VI - ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: Clean up in accordance with all applicable regulations. Absorb spillage with non-combustible, absorbent material. For waste disposal, see Section XIII

## **SECTION VII - HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING: Good industrial hygiene practice requires that exposure be maintained below the TLV. This is preferably achieved through the provision of adequate ventilation. When exposure cannot be adequately controlled in this way, personal respiratory protection should be employed.

## **SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION**

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: NONE REQUIRED  
OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): NONE REQUIRED  
WORK/HYGIENE PRACTICES: NONE REQUIRED  
ENGINEERING CONTROLS: NONE REQUIRED

## **SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: N/A	MELTING POINT: N/A
VAPOR PRESSURE: N/A	SPECIFIC GRAVITY: N/A
SPECIFIC VAPOR DENSITY (AIR=1): N/A	REACTIVITY IN WATER: NON-REACTIVE
SOLUBILITY IN WATER: N/A	

## **SECTION X - STABILITY AND REACTIVITY**

HAZARDOUS POLYMERIZATION PRODUCTS: NONE  
STABILITY: STABLE CONDITIONS TO AVOID: NONE  
INCOMPATIBILITY (MATERIALS TO AVOID): NONE  
HAZARDOUS DECOMPOSITION PRODUCTS: NONE

## **SECTION XI - TOXICOLOGICAL INFORMATION**

ACUTE EFFECTS ASSOCIATED WITH USE OF THIS MATERIAL: NONE EXPECTED  
The summated LD50 is 22231 mg/kg.  
The summated LC50 is 99999 mg/cubic meter.  
This product is not considered to be a known or suspected human carcinogen by NTP, IARC or OSHA (see section III)

## **SECTION XII - ECOLOGICAL INFORMATION**

NO HARMFUL EFFECTS KNOWN OTHER THAN THOSE ASSOCIATED WITH SUSPENDED INERT SOLIDS IN WATER.

## **SECTION XIII - DISPOSAL CONSIDERATIONS**

RCRA HAZARD CLASS (40 CFR 261): THIS PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS WASTE.  
WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

## **SECTION XIV - TRANSPORTATION INFORMATION**

U.S. DOT (49 CFR 172.101): THIS IS NOT A HAZARDOUS MATERIAL AS CLASSIFIED BY CFR 172.101.

## SECTION XV - REGULATORY INFORMATION

CONTENTS OF THIS SDS COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200  
EPA SARA TITLE III CHEMICAL LISTINGS  
NONE

SECTION 302.4 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355):  
NONE

SECTION 313 TOXIC CHEMICALS (40 CFR 372):  
IODOPROPYNYL BUTYL CARBAMATE

INTERNATIONAL REGULATIONS

CANADIAN WHMIS: THIS PRODUCT IS A CONTROLLED PRODUCT UNDER CANADA'S WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM. IT CONTAINS THE FOLLOWING TOXIC OR HIGHLY TOXIC MATERIALS:  
GUM ARABIC

SUPPLEMENTAL STATE COMPLIANCE INFORMATION:

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED UNDER NEW JERSEY'S RIGHT TO KNOW PROGRAM:  
GUM ARABIC

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) REQUIRING NOTIFICATION TO THE STATE OF WASHINGTON UNDER THEIR CHILDREN'S SAFE PRODUCTS ACT:  
NONE

Under CPSC's consumer product regulations (16CFR1500.3 and 150014), this product has the following required acute and chronic hazard labeling:

NONE

## SECTION XVI - OTHER INFORMATION

LAST REVISION DATE: 06/24/2015

**Prepared by Duke OEM Toxicology**

DATE PREPARED 02/26/2002 DATE REVISED May 6, 2013 fcMASTER1

**SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME **AKUA INTAGLIO- WATER BASED INKS / AKUA TRANSPARENT BASE / AKUA RELEASE AGENT / AKUA MAG MIX** cc00-705

PRODUCT CODE n/a

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 **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.

---

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

---

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

HEALTH EFFECTS: Heated decomposition products may cause eye and respiratory 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 or redness.  
 INGESTION: No effect; known in usual and ordinary uses of product

SECTION 12 ECOLOGICAL INFORMATION

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

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

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Speedball Art Products and The data on this sheet related only to the specific material designated herein. Speedball Art Products and In assumes no legal responsibility for use or reliance upon these data.

.....

.....  
REVISION DATE 05/06/2013