

1299768 thru 1299780

**Material Safety Data Sheet**

May be used to comply with  
 OSHA's Hazard Communication Standard, 29 CFR 1910.1200  
 Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved OMB No. 1218-0072

Revd Aug 2008

|   |  |   |  |
|---|--|---|--|
| <b>IDENTITY (As Used on Label and List)</b><br><b>Water Soluble Block Printing Inks (3400-3449, 3500-3549, 3600-3617, 3700-3717, 3800-3817)</b> |  | Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. |  |
| <b>Section I Manufacturer's Name</b><br><b>Speedball Art Products, LLC</b>  |  | <b>Emergency Telephone Number</b><br><b>704-838-1475</b>  |  |
| <b>Address (Number, Street, City, State, and ZIP Code)</b><br><b>2226 Speedball Road Statesville, NC 28677 USA</b>                              |  | <b>Telephone Number for Information</b><br><b>704-838-1475</b>  |  |
| <b>Date Prepared: March 1, 2004</b>   |  | <b>Signature of Preparer (optional)</b>   |  |

**Section II – Hazardous Ingredients/Identity Information**

| Hazardous Components (Specific Chemical Identity; Common Name(s)):   | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (optional) |
|--|----------|-----------|--------------------------|--------------|
| <p>Product labeling conforms to ASTM D-4236. Approved for the AP seal as per the Art &amp; Craft Materials Institute, Inc. (ACMI). Note: This product has been certified to be non-toxic. This product has been evaluated by a Toxicologist only as per intended usage. <b>DO NOT DEVIATE FROM INTENDED USE.</b></p> |          |           |                          |              |

**Section III - Physical/Chemical Characteristics**

|                         |             |   |                              |
|-------------------------|-------------|---|------------------------------|
| Boiling Point           | 212°F-369°F | Specific Gravity (H <sub>2</sub> O = 1) | 1.2-1.7                      |
| Vapor Pressure (mm Hg.) | N/A         | Melting Point                           | <32°F                        |
| Vapor Density (AIR = 1) | N/A         | Evaporation Rate (Butyl Acetate = 1)    | Less than 1                  |
| Solubility in Water     | Dilutable   | Appearance and Odor                     | Thick paste with slight odor |

**Section IV - Fire and Explosion Hazard Data**

|  |                  |     |     |
|--|------------------|-----|-----|
| Flash Point (Method Used)  | Flammable Limits | LEL | UEL |
| N/A  | N/A              | N/A | N/A |
| Extinguishing Media<br>N/A   |                  |     |     |
| Special Fire Fighting Procedures<br><b>Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.</b> |                  |     |     |

Unusual Fire and Explosion Hazards  
**Material can spatter above 212°F. Film can burn.**

(Reproduce locally)

OSHA 174, Sept. 1985

**Section V - Reactivity Data**  
**Inks Page 2**

**Water Soluble Block Printing**

|   |           |                     |   |
|---|-----------|---------------------|---|
| Stability   | Unstable  | Stable<br>✓         | Conditions to Avoid<br><b>Onset of decomposition is 350°F</b> |
| Incompatibility ( <i>Materials to Avoid</i> )<br><b>N/A</b>                   |           |                     |   |
| Hazardous Decomposition or Byproducts<br><b>Oxides of carbon and nitrogen</b> |           |                     |   |
| Hazardous Polymerization  | May Occur | Will Not Occur<br>✓ | Conditions to Avoid<br><b>N/A</b>                             |

**Section VI - Health Hazard Data**

|   |                           |   |                               |
|---|---------------------------|---|-------------------------------|
| Route(s) of Entry:  | Inhalation?<br><b>N/A</b> | Skin?<br><b>Irritation with prolonged contact</b> | Ingestion?<br><b>N/A</b>      |
| Health Hazards ( <i>Acute and Chronic</i> )<br><b>N/A</b>   |                           |   |                               |
| Carcinogenicity:<br><b>N/A</b>  | NTP?<br><b>N/A</b>        | IARC Monographs?<br><b>N/A</b>                    | OSHA Regulated?<br><b>N/A</b> |
| Signs and Symptoms of Exposure<br><b>N/A</b>  |                           |   |                               |
| Medical Conditions Generally Aggravated by Exposure<br><b>None known</b>                                      |                           |   |                               |
| Emergency and First Aid Procedures<br><b>Contact with eyes may cause slight irritation: Flush with water.</b> |                           |   |                               |

**Section VII - Precautions for Safe Handling and Use**

|   |
|---|
| Steps to Be Taken in Case Material is Released or Spilled<br><b>Floor may be slippery; use care to avoid falling. Transfer to containers for recovery or disposal. Keep out of municipal sewers and open bodies of water.</b> |
| Waste Disposal Method<br><b>Incineration at permitted facility. Observe all Federal, State and local laws concerning health and environment.</b>  |

Precautions to Be taken in Handling and Storing  
**Keep from freezing-product may coagulate**

Other Precautions  
N/A

### Section VIII - Control Measures

Respiratory Protection (*Specify Type*) **None required with adequate ventilation & normal usage conditions.**

|             |                          |                    |
|-------------|--------------------------|--------------------|
| Ventilation | Local Exhaust <b>N/A</b> | Special <b>N/A</b> |
|-------------|--------------------------|--------------------|

|  |  |                  |
|--|--|------------------|
|  | Mechanical ( <i>General</i> ) <b>N/A</b> | Other <b>N/A</b> |
|--|--|------------------|

|                                     |   |
|-------------------------------------|---|
| Protective Gloves <b>Impervious</b> | Eye Protection <b>Safety Glasses or goggles</b> |
|-------------------------------------|---|

Other Protective Clothing or Equipment **N/A**

Work/Hygienic Practices **Use protective cream where excessive skin contact is likely.**