

**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

IDENTITY ( <i>As Used on Label and List</i> ) <b>Water Soluble Screen Printing Ink (4540-4549, 4580-4589, 4572)</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</b> Manufacturer's Name <b>Speedball Art Products, LLC</b>		Emergency Telephone Number <b>704-838-1475</b>	
Address ( <i>Number, Street, City, State, and ZIP Code</i> ) <b>2301 Speedball Road Statesville, NC 28677 USA</b>		Telephone Number for Information <b>704-838-1475</b>	
Date Prepared: <b>January 2, 2013</b>		Signature of Preparer ( <i>optional</i> )	

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

Hazardous Components (Specific Chemical Identity; Common Name(s)):	OSHA PEL	ACGIH TLV	Other Limits Recommended	%( <i>optional</i> )
<b>VOC: 106-134 grams per litre (.88-1.12 lbs. per gallon)</b>				
<b>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. DO NOT DEVIATE FROM INTENDED USE.</b>				

**Section III - Physical/Chemical Characteristics**

Boiling Point	<b>212°F-369°F</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1.11-1.57</b>
Vapor Pressure (mm Hg.)	<b>N/A</b>	Melting Point	<b>&lt;32°F</b>
Vapor Density (AIR = 1)	<b>Less than 1</b>	Evaporation Rate (Butyl Acetate = 1)	<b>Less than 1</b>
Solubility in Water	<b>Dilutable</b>	Appearance and Odor	<b>Semi-paste with slight odor</b>

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

Flash Point (Method Used) <b>N/A</b>	Flammable Limits <b>N/A</b>	LEL <b>N/A</b>	UEL <b>N/A</b>
Extinguishing Media <b>N/A</b>			
Special Fire Fighting Procedures <b>Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.</b>			
Unusual Fire and Explosion Hazards <b>Material can spatter above 212°F. Film can burn.</b>			

(Reproduce locally)

OSHA 174, Sept. 1985

**Section V - Reactivity Data**

Screen Drawing Fluid

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

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation? <b>N/A</b>	Skin? <b>N/A</b>	Ingestion? <b>N/A</b>
Health Hazards ( <i>Acute and Chronic</i> ) <b>N/A</b>			
Carcinogenicity: <b>N/A</b>	NTP? <b>N/A</b>	IARC Monographs? <b>N/A</b>	OSHA Regulated? <b>N/A</b>
Signs and Symptoms of Exposure <b>N/A</b>			
Medical Conditions Generally Aggravated by Exposure <b>None known</b>			
Emergency and First Aid Procedures <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 <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 <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 <b>Keep from freezing-product may coagulate</b>
Other Precautions <b>N/A</b>

**Section VIII - Control Measures**

Respiratory Protection ( <i>Specify Type</i> ) <b>None required with adequate ventilation &amp; normal usage conditions.</b>			
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 <b>N/A</b>			
Work/Hygienic Practices <b>Use protective cream where excessive skin contact is likely.</b>			