20848-2009

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 *(As Used on Label and List)* SPEEDBALL Super Black India Ink (3268, 3338, 32110, 3378, 3231 SPEEDBALL Black Waterproof Ink 3398 & 3251)

Section I

Manufacturer's Name	Emergency Telephone Number
Speedball. Art Products Company P. O. Box 5157 Statesville, NC 28687 ©1997 Speedball Art Products Company	704-838-1475
	Telephone Number for Information 704-838-1475
	Date Prepared 1/29/93
	Signature of Preparer *(optional)*

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% *(optional)*
Certified non-toxic as per ASTM D4236. Approved for the AP Seal as per the Art and Craft Materials Institute, Inc. (ACMI)				

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Section III — Physical/Chemical Characteristics

Boiling Point	212-374°F	Specific Gravity (H_2O = 1)	1.1
Vapor Pressure (mm Hg.)	17mmHg	Melting Point	<32°F.
Vapor Density (AIR = 1)	less than 1	Evaporation Rate (Butyl Acetate = 1)	less than 1

Solubility in Water: Dilutable

Appearance and Odor: Thick paste/Acrylic emulsion odor

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Not applicable (N/A)	N/A	N/A	N/A

Extinguishing Media: N/A

Special Fire Fighting Procedures: wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

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

(Reproduce locally) OSHA 174, Sept. 1985

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid: Onset of decomposition is 350°F.
	Stable	X	

Incompatibility (*Materials to Avoid*): N/A

Hazardous Decomposition or Byproducts: Oxides of carbon and nitrogen.

Hazardous Polymerization	May Occur		Conditions to Avoid: N/A
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: N/A Inhalation? Skin? Ingestion?

Health Hazards (*Acute and Chronic*): N/A

Carcinogenicity: N/A NTP? IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure: N/A

Medical Conditions Generally Aggravated by Exposure: N/A

Emergency and First Aid Procedures: Contact with eyes may cause mild irritation: Flush with water.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled: 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.

Waste Disposal Method: Incinerate at a permitted facility according to current local, state and federal regulations.

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 operating conditions.

Ventilation	Local Exhaust: Adequate	Special
	Mechanical (*General*)	Other

Protective Gloves: Impervious

Eye Protection: Safety glasses

Other Protective Clothing or Equipment: N/A

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

• USGPO: 1988-491-529/45775

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Rcvd 04-15-04 ✓

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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 ✱ INKS + PEN CLEANER ✱

IDENTITY *(As Used on Label and List)* **Pigmented Acrylic Inks (3100-3111, 3150-3160)**	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.
Section I Manufacturer's Name **Speedball Art Products, LLC**	Emergency Telephone Number **704-838-1475**
Address *(Number, Street, City, State, and ZIP Code)* **2226 Speedball Road Statesville, NC 28677 USA**	Telephone Number for Information **704-838-1475**
Date Prepared: **March 1, 2004**	Signature of Preparer *(optional)*

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s)):	OSHA PEL	ACGIH TLV	Other Limits Recommended	%*(optional)*

Product labeling conforms to ASTM D-4236. Approved for the AP seal as per the Art & 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.

Section III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H_2O = 1)	1.04-1.4
Vapor Pressure (mm Hg.)	Unknown	Melting Point	<32°F
Vapor Density (AIR = 1)	Less than 1	Evaporation Rate (Butyl Acetate = 1)	1
Solubility in Water	Infinite	Appearance and Odor	Low viscosity with slight odor

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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
N/A

Special Fire Fighting Procedures
Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.

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

(Reproduce locally) OSHA 174, Sept. 1985

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Section V - Reactivity Data — Pigmented Acrylic Inks — Page 2

Stability	Unstable	Stable	Conditions to Avoid
		✓	Onset of decomposition is 350°F

Incompatibility *(Materials to Avoid)*
N/A

Hazardous Decomposition or Byproducts
Oxides of carbon and nitrogen

Hazardous Polymerization	May Occur	Will Not Occur	Conditions to Avoid
		✓	N/A

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	N/A	N/A	N/A

Health Hazards *(Acute and Chronic)*
N/A

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
N/A	N/A	N/A	N/A

Signs and Symptoms of Exposure
N/A

Medical Conditions Generally Aggravated by Exposure
None known

Emergency and First Aid Procedures
Contact with eyes may cause slight irritation: Flush with water.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
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.

Waste Disposal Method
Incineration at permitted facility. Observe all Federal, State and local laws concerning health and environment.

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 N/A	Special N/A
	Mechanical *(General)* N/A	Other N/A

Protective Gloves Impervious	Eye Protection Safety Glasses or goggles

Other Protective Clothing or Equipment N/A

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

TOTAL P.03