

# Material Safety Data Sheet

# U.S. Department of Labor

SPIR  
1/2

May be used to comply with

Occupational Safety and Health Administration

OSHA's Hazard Communication Standard, 29 CFR 1910.1200

(Non-Mandatory Form)

Standard must be consulted for specific requirements.

Form Approved OMB No. 1218-0072

IDENTITY (As Used on Label and List)  
**Speedball Fabric & Acrylic Retarder Base (4639)**

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**

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)

**VOC: 715 grams per litre (5.96 lbs. per gallon)**

**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	<b>212 °F</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1.15</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>Translucent 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

Stability	Unstable	Stable ✓	Conditions to Avoid <b>Onset of decomposition is 350°F</b>
Incompatibility (Materials to Avoid) <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 (Acute and Chronic) <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 mild 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 (Specify Type) <b>None required with adequate ventilation &amp; normal usage conditions.</b>			
Ventilation	Local Exhaust <b>N/A</b>	Special <b>N/A</b>	
	Mechanical (General) <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>			