

# Material Safety Data Sheet

# U.S. Department of Labor

May be used to comply with

OSHA's Hazard Communication Standard, 29 CFR 1910.1200

Standard must be consulted for specific requirements.

Occupational Safety and Health Administration

(Non-Mandatory Form)

Form Approved OMB No. 1218-0072

IDENTITY (*As Used on Label and List*)

**Diazo Sensitizer (component of #4559, 4520, 4523, 4524, 4522 & 4526; 4578)**

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	%( <i>optional</i> )
<b>Polymethylene-p-Diazo Benzene Dye (CAS #71550-45-3)</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Phosphoric Acid (CAS #7664-38-2)</b>	<b>1 mg/m3</b>	<b>1 mg/m3</b>	<b>N/A</b>	<b>15%</b>

**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>200°F Decomposition</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1.4</b>
Vapor Pressure (mm Hg.)	<b>N/A</b>	Melting Point	<b>&lt;32°F</b>
Vapor Density (AIR = 1)	<b>N/A</b>	Evaporation Rate (Butyl Acetate = 1)	<b>N/A</b>
Solubility in Water	<b>Infinite</b>	Appearance and Odor	<b>Brown paste with no 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>If material is within a fire area, CO<sub>2</sub>, water, or dry powder can be used. Wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.</b>			
Unusual Fire and Explosion Hazards <b>Material slowly darkens with heat and may exude acidic fumes and nitrogen gas. Wash with water.</b>			

Stability	Unstable	Stable ✓	Conditions to Avoid <b>High temperatures above 200°F</b>
Incompatibility ( <i>Materials to Avoid</i> ) <b>Caustic materials</b>			
Hazardous Decomposition or Byproducts <b>Nitrogen, water vapor &amp; acid fumes</b>			
Hazardous Polymerization	May Occur	Will Not Occur ✓	Conditions to Avoid <b>High temperatures above 200°F</b>

## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? <b>Yes, see below</b>	Skin? <b>Can be an irritant</b>	Ingestion? <b>Low order of acute oral toxicity</b>
Health Hazards ( <i>Acute and Chronic</i> ) <b>See above. Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation.</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>May cause skin rash in sensitive individuals.</b>			
Medical Conditions Generally Aggravated by Exposure <b>Pre-existing skin, eye, and respiratory disorders.</b>			
Emergency and First Aid Procedures <b>Contact with eyes and skin may cause mild irritation: Flush with water. If irritation persists, see Doctor. Ingestion: dilute by giving water. See Doctor. Inhalation: move to fresh air.</b>			

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled <b>Dissolve with warm water.</b>
Waste Disposal Method <b>Dispose of according to EPA requirements or in aqueous waste storage units for commercial chemical disposal. Observe all Federal, State and local laws concerning health and environment.</b>
Precautions to Be taken in Handling and Storing <b>Store in a cool, dark place. Refrigerate for longer shelf-life. Avoid sun and excess heat.</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>		