

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

School Spec

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

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

(Reproduce locally)

OSHA 174, Sept. 1985

Section V - Reactivity Data

Diazo Sensitizer

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

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes, see below	Skin? Can be an irritant	Ingestion? Low order of acute oral toxicity
Health Hazards (Acute and Chronic) See above. Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation.			
Carcinogenicity: N/A	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure May cause skin rash in sensitive individuals.			
Medical Conditions Generally Aggravated by Exposure Pre-existing skin, eye, and respiratory disorders.			
Emergency and First Aid Procedures 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.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Dissolve with warm water.
Waste Disposal Method 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.
Precautions to Be taken in Handling and Storing Store in a cool, dark place. Refrigerate for longer shelf-life. Avoid sun and excess heat.
Other Precautions N/A

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>) None required with adequate ventilation & normal usage conditions.		
Ventilation	Local Exhaust N/A	Special N/A
	Mechanical (<i>General</i>) 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.		