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Diazo Phot Emulsn Kit

43304-1005

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 Diazo Sensitizer (Part of #4558 Kit)

Section I

Manufacturer's Name

P. O. Box 5157
 Statesville, NC 28687
 ©1997 Speedball Art Products Company

Emergency Telephone Number

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

(Will irritate skin & eyes and may produce allergic reaction by skin contact.)

Section III — Physical/Chemical Characteristics

Boiling Point	200°	Specific Gravity (H ₂ O = 1)	1.4
	Decomposition		
Vapor Pressure (mm Hg.)	Unknown	Melting Point	[32°F.
Vapor Density (AIR = 1)	Unknown	Evaporation Rate (Butyl Acetate = 1)	Unknown
Solubility in Water	Infinite		
Appearance and Odor	Brown paste with no odor.		

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	None	Flammable Limits	N/A	LEL	N/A	UEL	N/A
Extinguishing Media	Not applicable						
Special Fire Fighting Procedures	If material is within a fire area, CO ₂ , water or dry powder can be used.						

Unusual Fire and Explosion Hazards

Material slowly darkens with heat and may liberate acidic fumes and nitrogen gas.

Wash with water.

Item Numbers: 43304-1005

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Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid	High temperatures above 200°F.
	Stable	X		

Incompatibility (Materials to Avoid) Caustic materials.

Hazardous Decomposition or Byproducts Nitrogen, water vapor & acid fumes.

Hazardous Polymerization	May Occur		Conditions to Avoid	High temperatures above 200°F.
	Will Not Occur	X		

Section VI — Health Hazard Data

Route(s) of Entry: Multiple Inhalation? Skin? Ingestion?

Health Hazards (Acute and Chronic)

Eyes & Skin - Can be an irritant.

Ingestion - Low order of acute oral toxicity.

Inhalation - Excessive inhalation can cause nasal & respiratory irritations.

Carcinogenicity: NTP? Unknown IARC Monographs? Unknown OSHA Regulated? Unknown

Signs and Symptoms of Exposure Irritation. May cause a skin rash in sensitive individual.

Medical Conditions Generally Aggravated by Exposure Preexisting skin, eye & respiratory disorders.

Emergency and First Aid Procedures Inhalation: Remove to fresh air.

Eyes & Skin: Flush with plenty of water. If irritation persists, get medical attention

Ingestion: Dilute by giving water. Call a physician.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Dissolve in warm water. Discard according to Federal, State and local requirements.

Waste Disposal Method According to EPA Requirements or in aqueous waste storage units for commercial chemical disposal.

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 Material is perishable and light sensitive. Use normal laboratory procedures as with all chemicals.

Section VIII — Control Measures

Respiratory Protection (Specify Type)

None should be required with adequate ventilation.

Ventilation	Local Exhaust	Recommended	Special	N/A
	Mechanical (General)	Acceptable	Other	N/A

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.

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IDENTITY (As Used on Label and List)

SPEEDBALL Diazo Photoemulsion (Part of #4558 Kit)

Section I

Manufacturer's Name

Speedball.
 Art Products Company
 P.O. Box 5157
 Statesville, NC 28687
 ©1997 Speedball Art Products Company

ZIP Code)

Emergency Telephone Number

704-838 1475

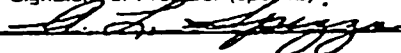
Telephone Number for Information

704-838-1475

Date Prepared

2/6/90

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	% (conc.)
Certified non-toxic as per ASTM D4236. Approved for the AP Seal as per the Art and Craft Materials Institute, Inc. (ACMI)				

Ethyl Alcohol (CAS #64-17-5)

NA

1000ppm

NA

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Section III — Physical/Chemical Characteristics

Boiling Point	212°F.	Specific Gravity (H ₂ O = 1)	1.1
Vapor Pressure (mm Hg.)	NA	Melting Point	<32°F.
Vapor Density (AIR = 1)	less than 1	Evaporation Rate (Butyl Acetate = 1)	less than
Solubility in Water Dilutable			
Appearance and Odor Light blue appearance with faint 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.			

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OSHA 174, Sept. 1981

JUL-30-1998 14:07		Stability		Onset of decomposition is 350°F.	
Unstable		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:		Inhalation?		Skin?	
N/A					
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		Special	
		Adequate			
		Mechanical (General)		Other	
Protective Gloves		Impermeous		Eye Protection	
				Safety glasses	
Other Protective Clothing or Equipment N/A					
Work Hygienic Practices					
Use protective cream where excessive skin contact is likely.					