

43304-1005**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 Photo Emulsion (component of #4559, 4520, 4523, 4524, 4522 & 4526; 4579)		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) 2301 Speedball Road Statesville, NC 28677 USA		Telephone Number for Information 704-838-1475	
Date Prepared: January 1, 2010		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)
Ethyl Alcohol (CAS #64-17-5)	N/A	1000ppm	N/A	4%

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 ₂ O = 1)	1.1
Vapor Pressure (mm Hg.)	N/A	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	Light Blue with faint odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL 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. 1985

Section V - Reactivity Data

Diazo Photo Emulsion

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Stability	Unstable	Stable ✓	Conditions to Avoid Onset of decomposition is 350°F
Incompatibility (<i>Materials to Avoid</i>) N/A			
Hazardous Decomposition or Byproducts			
Hazardous Polymerization	May Occur	Will Not Occur ✓	Conditions to Avoid N/A

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? N/A	Skin? N/A	Ingestion? N/A
Health Hazards (<i>Acute and Chronic</i>) N/A			
Carcinogenicity: N/A	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure N/A			
Medical Conditions Generally Aggravated by Exposure N/A			
Emergency and First Aid Procedures N/A			

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 (<i>Specify Type</i>) None required with adequate ventilation & normal usage conditions.			
Ventilation	Local Exhaust	Adequate	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.			

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Occupational Safety and Health Administration
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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) 2301 Speedball Road Statesville, NC 28677 USA	Telephone Number for Information 704-838-1475	
Date Prepared: January 1, 2010	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) N/A	Flammable Limits N/A	LEL N/A	UEL 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.			

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Section V - Reactivity Data

Diazo Sensitizer

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Stability	Unstable	Stable ✓	Conditions to Avoid High temperatures above 200°F
Incompatibility (<i>Materials to Avoid</i>) 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 (<i>Acute and Chronic</i>) 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.			

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IDENTITY (As Used on Label and List) Diazo Photo Emulsion Remover (4557)		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) 2301 Speedball Road Statesville, NC 28677 USA		Telephone Number for Information 704-838-1475	
Date Prepared: January 1, 2010		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)
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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 (H₂O = 1)	1.02
Vapor Pressure (mm Hg.)	N/A	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	Transparent liquid with slight detergent odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL 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			

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OSHA 174, Sept. 1985

Section V - Reactivity Data

Diazo Photo Emulsion Remover

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Stability	Unstable	Stable ✓	Conditions to Avoid N/A
Incompatibility (<i>Materials to Avoid</i>) Avoid contact with strong oxidizing agents			
Hazardous Decomposition or Byproducts None			
Hazardous Polymerization	May Occur	Will Not Occur ✓	Conditions to Avoid N/A

Section VI - Health Hazard Data

Route(s) of Entry: Multiple	Inhalation? See below	Skin? Can be an irritant	Ingestion? Low order of acute oral toxicity
Health Hazards (<i>Acute and Chronic</i>) Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation. Eyes & Skin: Can be an irritant			
Carcinogenicity: N/A	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure N/A			
Medical Conditions Generally Aggravated by Exposure Pre-existing eye, skin, and respiratory disorders			
Emergency and First Aid Procedures Contact with eyes and skin may cause 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 Floor may be slippery; use care to avoid falling. Transfer to containers for recovery or disposal.
Waste Disposal Method Observe all Federal, State and local laws concerning health and environment.
Precautions to Be taken in Handling and Storing N/A
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.			