

SAFETY DATA SHEET

43431-1009

02/05/2021

SECTION I - IDENTIFICATION**Material Name**

SPEEDBALL FABRIC SCREEN PRINTING INK

Manufacturer Information

Speedball Art Products Co.
P.O. Box 5157
2301 Speedball Road
Statesville, NC 28677
Phone: 704-978-4166
Fax: 1-704-838-1472
Email: budmartin@speedballart.com

For transportation emergencies only call: 1-800-898-7224

For health emergencies call the Poison Control Center: 1-800-222-1222

SECTION II - HAZARDS IDENTIFICATION**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

Carcinogenicity - Category 1B

Skin Sensitization - Category 1

GHS Label Elements**Symbol(s)****Signal Word(s)**

Danger

Hazard Statement(s)

May cause cancer.

Precautionary Statement(s)**Prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Store locked up.

Response

Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of water. IF exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention.

SECTION III - COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient	CAS/EC #	PEL/TLV (MG/M#)	Max % Weight	NTP	IARC
None					
BENZISOTHAZOLINONE	2634-33-5	N/A	0.19000	N	N
DISTILLATES (PETROLEUM), HYDROTREATED HE	64742-52-5	N/A	0.20620	N	N

SECTION IV - FIRST AID MEASURES

FIRST AID MEASURES: NONE REQUIRED. NO ACUTE HEALTH EFFECTS EXPECTED.

SECTION V - FIRE FIGHTING MEASURES

FLASH POINT (METHOD): N/A
 EXPLOSION LIMITS IN AIR (% BY VOLUME): NOT EXPLOSIVE
 EXTINGUISHING MEDIA: NO SPECIAL MEDIA REQUIRED
 FIRE FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED
 UNUSUAL FIRE & EXPLOSION HAZARDS: NOT COMBUSTIBLE
 AUTOIGNITION TEMPERATURE: N/A

SECTION VI - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: Clean up in accordance with all applicable regulations. Absorb spillage with non-combustible, absorbent material. For waste disposal, see Section XIII

SECTION VII - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING: Good industrial hygiene practice requires that exposure be maintained below the TLV. This is preferably achieved through the provision of adequate ventilation. When exposure cannot be adequately controlled in this way, personal respiratory protection should be employed.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: NONE REQUIRED
 OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): NONE REQUIRED
 WORK/HYGIENE PRACTICES: NONE REQUIRED
 ENGINEERING CONTROLS: NONE REQUIRED

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A
 VAPOR PRESSURE: N/A
 SPECIFIC VAPOR DENSITY (AIR=1): N/A
 SOLUBILITY IN WATER: N/A
 MELTING POINT: N/A
 SPECIFIC GRAVITY: N/A
 REACTIVITY IN WATER: NON-REACTIVE

SECTION X - STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION PRODUCTS: NONE
 STABILITY: STABLE CONDITIONS TO AVOID: NONE
 INCOMPATIBILITY (MATERIALS TO AVOID): NONE
 HAZARDOUS DECOMPOSITION PRODUCTS: NONE

SECTION XI - TOXICOLOGICAL INFORMATION

ACUTE EFFECTS ASSOCIATED WITH USE OF THIS MATERIAL: NONE EXPECTED

The summated LD50 is 29437 mg/kg.

The summated LC50 is 20877 mg/cubic meter.

This product is not considered to be a known or suspected human carcinogen by NTP, IARC or OSHA (see section III)

SECTION XII - ECOLOGICAL INFORMATION

NO HARMFUL EFFECTS KNOWN OTHER THAN THOSE ASSOCIATED WITH SUSPENDED INERT SOLIDS IN WATER.

SECTION XIII - DISPOSAL CONSIDERATIONS

RCRA HAZARD CLASS (40 CFR 261): THIS PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS WASTE.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION XIV - TRANSPORTATION INFORMATION

U.S. DOT (49 CFR 172.101): THIS IS NOT A HAZARDOUS MATERIAL AS CLASSIFIED BY CFR 172.101.

SECTION XV - REGULATORY INFORMATION

CONTENTS OF THIS SDS COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200

EPA SARA TITLE III CHEMICAL LISTINGS

NONE

SECTION 302.4 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355):

NONE

SECTION 313 TOXIC CHEMICALS (40 CFR 372):

NONE

INTERNATIONAL REGULATIONS

CANADIAN WHMIS: THIS PRODUCT IS A CONTROLLED PRODUCT UNDER CANADA'S WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM. IT CONTAINS THE FOLLOWING TOXIC OR HIGHLY TOXIC MATERIALS:

FERRIC OXIDE

MICA

OCTYLPHENOXYPOLYETHOXYETHANOL

PROPYLENE GLYCOL

SUPPLEMENTAL STATE COMPLIANCE INFORMATION:

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED UNDER NEW JERSEY'S RIGHT TO KNOW PROGRAM:

AMMONIUM HYDROXIDE

MICA

PIGMENT RED 101

PIGMENT WHITE 6

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) REQUIRING NOTIFICATION TO THE STATE OF WASHINGTON UNDER THEIR CHILDREN'S SAFE PRODUCTS ACT:

NONE

Under CPSC's consumer product regulations (16CFR1500.3 and 1500.14), this product has the following required acute and chronic hazard labeling:

NONE

SECTION XVI - OTHER INFORMATION

LAST REVISION DATE: 06/25/2015

Prepared by Duke OEM Toxicology

COLOR INFORMATION

THIS SDS APPLIES TO THE FOLLOWING COLORS WHICH ARE ASSOCIATED WITH HAZARDOUS AND/OR NON-HAZARDOUS INGREDIENTS

Product Color	SKU	Hazardous Ingredient
AMETHYST		(NONE)
BLACK		(NONE)
BLACK PEARL		(NONE)
BLUE		(NONE)
BLUE DENIM		(NONE)
BLUE TOPAZ		(NONE)
BROWN		(NONE)
BURGUNDY		(NONE)
CITRINE		(NONE)
EMERALD		(NONE)
FL. HOT PINK		(NONE)
FL. LIME GREEN		(NONE)
FL. MAGENTA		(NONE)
FL. ORANGE		(NONE)
GOLD		(NONE)
GREEN		(NONE)
ORANGE		(NONE)
PEACOCK BLUE		(NONE)
PEARLY WHITE		(NONE)
PROCESS CYAN		(NONE)
PROCESS MAGENTA		(NONE)
PROCESS YELLOW		(NONE)
RASPBERRY		(NONE)
RED		(NONE)
SHERBERT		(NONE)
SILVER		(NONE)
VIOLET		(NONE)
WHITE		(NONE)
YELLOW		(NONE)
FLUORESCENT YELLOW		(NONE)
FLUORESCENT BLUE		(NONE)
NIGHT GLO® ORIGINAL		(NONE)
NIGHT GLO® YELLOW		(NONE)
NIGHT GLO® BLUE		(NONE)
NIGHT GLO® GREEN		(NONE)
PRIM PEACOCK		(NONE)
LUSCIOUS LILAC		(NONE)
BLUSHING BRIDE		(NONE)
PRETTY IN PEARL		(NONE)
POLAR PULSE		(NONE)
ELECTRIC EMERALD		(NONE)
GRAVITY GRAY		(NONE)
MAGNETIC MAGENTA		(NONE)

BRAND NAMES

THIS SDS APPLIES TO THE FOLLOWING BRAND NAMES

<u>Brand Name</u>	<u>SKU</u>	<u>SKU Description</u>
SPEEDBALL FABRIC SCREEN PRINTING INK		

Speedball Diazo Sensitizer

SAFETY DATA SHEET (SDS)

Version: 01

Date of Issue: February 05, 2021

According to: OSHA Hazard Communication Standard
29 CFR 1910.1200(g) Rev. 2012

Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name: Speedball Diazo Sensitizer
 Product Description: A thick paste intended to be mixed with water and *Speedball Diazo Photo Emulsion* for screen printing and general arts and crafts purposes.

1.2 Relevant identified uses of the substance or mixture

Relevant identified use(s): Use product for its intended purpose as a screen-printing medium.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: MRI International
 PO Box 42
 Swartswood, NJ 07877 U.S.A.
 Business Phone: 973-383-3645 FAX: 973-383-6672
 Email: INFO@MRI-DIAZO.COM

1.4 Emergency telephone number

Emergency Telephone: 973-383-3645

Section 2 – Hazard(s) Identification

2.1. Classification of the substance or mixture

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Health	Environmental	Physical
Eye Irritation (Category 2), H319 Skin Irritation (Category 2), H315	Not classified	Not classified

2.2. Label elements

Label Pictogram:



Signal Word: Warning

Hazard Statements and Precautionary Statements:

Eye Irritation (Category 2)	Causes serious eye irritation (H319) Wash hands thoroughly after handling (P264) Wear protective gloves/protective clothing/eye protection/face protection (P280) IF ON SKIN: wash with plenty of water (P302+P352) Specific treatment (see section 4: First Aid Measures) (P321) IF SKIN irritation occurs: Get medical advice/attention (P332+P313) Take off contaminated clothing (P362)
Skin Irritation (Category 2)	Causes skin irritation (H315) Wash hands thoroughly after handling (P264) Wear protective gloves/protective clothing/eye protection/face protection (P280) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. (P305+P351+P338) IF eye irritation persists: Get medical advice/attention (P337+P313)

2.3. Other hazards

- No other hazards have been identified for this product.

Section 3 – Composition / Information on Ingredients

Mixture

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EINECS No.</u>	<u>% Weight</u>
4-Diazodiphenylamine / formaldehyde condensate hydrogen phosphate complex (P-diazoldiphenylamine polymer)	71550-45-3	N/A	up to 90%
Phosphoric acid	7664-38-2	231-633-2	≤1%

This SDS was prepared under the assumption that the ingredient 4-diazodiphenylamine / formaldehyde condensate hydrogen phosphate complex (P-diazoldiphenylamine polymer) (CAS No. 71550-45-3) is present in the final product as fully reacted/cured, high-molecular weight, and highly stable polymers with negligible residual monomers present (<0.1%).

Section 4 – First Aid Measures

4.1 Description of first aid measures

Eye contact: IF IN EYES: Rinse cautiously with water for at least 15 minutes. Remove contact lenses if present and easy to do - continue rinsing. IF eye irritation persists: Get medical advice/attention.

Skin contact: IF ON SKIN: wash with plenty of water and soap. IF SKIN irritation occurs: Get medical advice/attention. Take off contaminated clothing.

Inhalation: Inhalation route of exposure is not anticipated with intended use. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Seek medical attention if in doubt.

Ingestion: No specific first aid measures are required. Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if in doubt.

4.2 Most important symptoms and effects, both acute and delayed

- May be irritating to skin and eyes
- Refer to **Section 11** - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

- Not required.

Section 5 – Fire Fighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media: Use extinguishing media suitable for surrounding area if material is involved in a fire (e.g., water fog, foam, dry chemical or carbon dioxide).

Unsuitable Extinguishing Media: None known.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:

- Irritating vapours or fumes may form if product is involved in fire:
 - Carbon dioxide
 - Carbon monoxide
 - Nitrogen oxides
- See also **Section 10** - Stability and Reactivity.

5.3 Advice for firefighters

- Wear a self-contained breathing apparatus to protect against potentially irritating fumes.

Section 6 – Accidental Release Measures

6.1 Personal precautions, protective equipment (PPE) and emergency procedures

Personal Precautions: Observe PPE advice in **Section 8** – Exposure Controls/Personal Protection.

Emergency Procedures: Not available.

6.2 Environmental precautions:

- Prevent entry and contact with soil, drains, sewers, and waterways. Inform relevant local/regional/national/international authorities.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures: Contain spill if safe to do so. Product may be mixed with sand, earth or neutralizing media. Rinse the spill area with warm water after material pick-up is completed. Collect recoverable product and place in a designated container for disposal. Dispose of contents/container and wash water in accordance with local/regional/national/international regulations.

6.4 Reference to other sections

- Refer to **Section 8** - Exposure Controls/Personal Protection and **Section 13** – Disposal Considerations

Section 7– Handling and Storage

7.1 Precautions for safe handling

- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Wash contaminated clothing before reuse.
- Employees should be trained in the safe use and handling of chemical materials.
- Sinks and eye wash stations should be available in the work area.
- Refer to **Section 8** - Exposure Controls/Personal Protection.

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed to avoid spills.
- Keep in a cool dry place.
- Protect from direct sunlight.

- Keep in original container.
- Keep chemicals locked up or in an area accessible to only qualified personnel.

7.3 Specific end use(s)

- Refer to **Section 1.2** - Relevant identified uses.

Section 8— Exposure Controls / Personal Protection

8.1 Control Parameters:

Chemical Name	CAS No.	% Weight	Agency	Limit Type
4-Diazodiphenylamine / formaldehyde condensate hydrogen phosphate complex (P-diazodiphenylamine polymer)	71550-45-3	up to 90%	N/A	N/A
Phosphoric acid	7664-38-2	≤1%	ACGIH	1 mg/m ³ TWA (8 hr)
			EU ELV	2 mg/ m ³ STEL (15-min)

8.2 Exposure Controls:

Appropriate engineering controls

- Use ventilation or other engineering controls to maintain airborne concentrations below exposure limits.
- Minimize contact with eyes, skin and clothing by using good hygiene practices.
- Sinks and eyewash stations should be available in the work area.

8.3 Personal Protective Equipment

Note: Consider the concentration and amount of product at the workplace when selecting PPE.

Respiratory: No specific respiratory protection is required. If ventilation is inadequate, use an approved respirator such as a High Efficiency Particulate Air (HEPA) respirator and filter cartridge authorized by regulatory standards.

Eyes/Face: Wear chemical safety goggles approved by appropriate regulatory standards.

Hands/Skin: Wear chemical resistant gloves (neoprene). If necessary, refer to appropriate regulatory standards.

Body: Wear protective clothing. If necessary, refer to appropriate regulatory standards.

Thermal Hazards: None known.

Environmental Exposure Controls: Not available.

Section 9 – Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Note: The data below are typical values and do not constitute a specification.

Appearance: Physical state: Colour: Odour/Odour threshold:	Viscous oily resin Dark brown Slightly pungent odour, no threshold available	Partition Coefficient n-octanol/water: Auto-ignition temperature:	No data available None, product is not combustible
pH (as supplied):	No data available	Decomposition temperature:	No data available
Melting/freezing point:	Decomposes	Dynamic viscosity:	No data available
Boiling point/range:	>93.3°C decomposes	Molecular weight:	No data available
Flash point:	None, not	Taste:	No data available

	combustible		
Evaporation rate:	No data available	Explosive properties:	No data available
Flammability:	No data available	Oxidizing properties:	No data available
Upper/lower explosive limits:	No data available	Surface tension:	No data available
Vapor pressure:	Not established	Volatile component:	No data available
Water solubility:	Infinite	Gas group:	No data available
Vapor density (Air = 1):	No data available	pH (as solution):	No data available
Specific gravity (Water = 1):	1.3	VOC:	0.0 g/L (excluding water)
Relative density:	No data available	Particle size range:	No data available

9.2 Other information

No further data available.

Section 10 – Stability and Reactivity

10.1 Reactivity

- Reacts with oxidizing agents.

10.2 Chemical stability

- This material is considered stable under normal handling and storage conditions.

10.3 Possibility of hazardous reactions

- Not expected to occur under normal handling and storage conditions.

10.4 Conditions to avoid

- Exposure to heat and light.

10.5 Incompatible materials

- Strong oxidizing agents.
- Strong alkalis.

10.6 Hazardous decomposition products

- Hazardous decomposition products including but not limited to carbon monoxide, carbon dioxide, and nitrogen oxides may be released under fire conditions.

Section 11 – Toxicological Information

Likely routes of exposure: Skin contact.

Potential signs and symptoms: Direct contact with skin or eyes may cause irritation if product is not used as intended.

Acute oral toxicity:

Practically non-toxic based on the polymer composition of the product.

Acute dermal toxicity:

Practically nontoxic based on the polymer composition of the product.

Acute inhalation toxicity:

Insufficient and/or no data identified for the components in this product.

Skin corrosion/irritation:

4-Diazodiphenylamine / formaldehyde condensate hydrogen phosphate complex (P-diazodiphenylamine polymer) (CAS No. 71550-45-3) and phosphoric acid (CAS No. 7664-38-2) may cause skin irritation based on animal studies and human data. Symptoms include redness, heat, swelling, and pain. The other component of this product is not a skin irritant.

Serious eye damage/irritation:

4-Diazodiphenylamine / formaldehyde condensate hydrogen phosphate complex (P-diazodiphenylamine polymer) (CAS No. 71550-45-3) and phosphoric acid (CAS No. 7664-38-2) may cause eye irritation based on animal studies and human data. Symptoms include red or pink eyes, burning, light sensitivity, itchiness and pain. The other component of this product is not a skin irritant.

Respiratory or skin sensitization:	The components in this product are not sensitizing to the skin based on human and/or animal studies.
Mutagenicity:	The components in the product are not mutagenic based on animal studies or no data identified for the components in this product.
Carcinogenicity:	The components in the product are not carcinogenic based on animal studies or no data identified for the components in this product.
Reproductive Toxicity:	The components in the product are not reproductive toxicants based on animal studies or no data identified for the components in this product.
Specific target organ toxicity (single exposure):	The components in the product are not specific target organ toxicity (single exposure) toxicants based on animal studies or no data identified for the components in this product.
Specific target organ toxicity (repeated exposure):	The components in the product are not specific target organ toxicity (repeated exposure) toxicants based on animal studies or no data identified for the components in this product.
Aspiration hazard:	The components in the product are not aspiration hazards based on animal studies or no data identified for the components in this product.

References:

ECHA. 2020. REACH Registered Substances Database.

Section 12 – Ecological Information

12.1 Toxicity

- This product is not expected to be harmful or toxic to aquatic life. See ecotoxicity data below.

Chemical Name	CAS No.	Species	Test Results (mg/L)
Phosphoric acid	7664-38-2	Freshwater algae	72-hour EC50 = 100
		Freshwater algae	72-hour NOEC = 100
		Activated sludge	3-hour EC50= 1000 mg/L

12.2 Persistence and degradability

- Phosphoric acid (CAS No. 7664-38-2) biodegradation in water: ready biodegradability.
- No data available for other components of the product.

12.3 Bioaccumulative potential

- Phosphoric acid (CAS No. 7664-38-2) has bioaccumulative potential in fish.
- No data available for other components of the product.

12.4 Mobility in Soil

- No data available.

12.5 Results of PBT and vPvB assessment

- No data available.

12.6 Other adverse effects

- No further data available.

References:

ECHA. 2020. REACH Registered Substances Database.

Section 13 – Disposal Considerations

13.1 Waste treatment methods

Preparing wastes for disposal: Use product for its intended purpose or recycle if possible. Waste should not be disposed of by release to sewers. Dispose of waste in accordance with local, regional, national, and/or international regulations.

Section 14 – Transport Information

Note: This product is not regulated as dangerous goods for transport.

14.1 UN number	Not classified
14.2 UN proper shipping name	Not classified
14.3 Transport hazard class(es):	Not classified
14.4 Packing group	Not classified
14.5 Environmental hazards	None
14.6 Special precautions for user	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

Section 15 – Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

United States

Federal Regulations:

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):

Chemical Name	CAS No.	Reportable Quantity (lbs.)
Phosphoric acid	7664-38-2	5,000

No other components in this product are subject to reporting under CERCLA.

Clean Water Act (CWA): No components in this product are listed as toxic pollutants.

Clean Air Act (CAA): No components in this product are listed under the CAA.

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA 302 Components: No components in this product are subject to reporting requirements of S.302.

SARA 304 Emergency Release Notification: No components in this product are subject to reporting requirements of S.304.

SARA 311/312 Hazards: None.

SARA 313 Components: No components in this product are subject to reporting requirements of S.313.

Toxic Substances Control Act (TSCA): All components are listed on the non-confidential TSCA inventory or are exempt.

State Regulations:

California: The ingredients in the product are not listed on the California Proposition 65 List.

Maine: The ingredients are not listed on the Maine list of chemicals of High Concern.

Massachusetts: The ingredients are not listed on the Massachusetts Toxic or Hazardous Substances list.

Michigan: The ingredients are not listed on the Michigan Chemicals of Concern list.

Minnesota: Phosphoric acid (CAS No. 7664-38-2) is on the list of Chemicals of High Concern (2019). The other ingredients in the product are not listed.

New Jersey: Phosphoric acid (CAS No. 7664-38-2) is on the Right to Know Hazardous Substances List. The other ingredients in the product are not listed.

Pennsylvania: Phosphoric acid (CAS No. 7664-38-2) is on the Right to Know List. The other ingredients in the product are not listed.

Vermont: The ingredients are not listed on the Chemicals of High Concern to Children list.

Washington: The ingredients are not listed on the Chemicals of High Concern to Children list.

International

IARC: None of the components in this product are classified with respect to carcinogenicity.

15.2 Chemical Safety Assessment

- None available for the components in this product.

Note: The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.

Section 16 – Other Information**List of acronyms and abbreviations:**

ACGIH: American Conference of Governmental Industrial Hygienists	mg/ m3: Milligrams per meter cubed
ATE: Acute Toxicity Estimate	OSHA: Occupational Safety and Health Administration
CAA: Clean Air Act	PBT: Persistent, Bioaccumulative and Toxic
CAS: Chemical Abstract Service Number	PPE: Personal Protective Equipment
CERCLA: Comprehensive Environmental Response and Liability Act	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
CWA: Clean Water Act	SARA: Superfund Amendment and Reauthorization Act
ECHA: European Chemicals Agency	SDS: Safety Data Sheet
EINECS: European Inventory of Existing Chemical Substances	TSCA: Toxic Substances Control Act
GHS: Global Harmonized System	TWA: Time-weighted average
IARC: International Agency for Research on Cancer	UN: United Nations
lbs.: Pounds	vPvB: very Persistent, very Bioaccumulative
MARPOL: Maritime Pollution	

References:

- European Chemicals Agency (ECHA) Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
- European Chemicals Agency Classification and Labelling Inventory Database.
- International Agency for Research on Cancer (IARC).

Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Revision Indicator: This is a new Safety Data Sheet.

Creation Date: February 05, 2021

SAFETY DATA SHEET

6/13/2018

SECTION I - IDENTIFICATION**Material Name**

SPEEDBALL PHOTO EMULSION

Company Information

Speedball Art Products Co.

2301 Speedball Road
 Statesville, NC 28677
 Phone: 704-978-4166
 Fax: 1-704-838-1472
 Email: budmartin@speedballart.com

For transportation emergencies only call: 1-800-898-7224

For health emergencies call the Poison Control Center: 1-800-222-1222

SECTION II - HAZARDS IDENTIFICATION**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

There are no GHS label elements.

PRIMARY ROUTES OF ENTRY: INHALATION, INGESTION, EYE, SKIN

EFFECTS AND SYMPTOMS OF ACUTE EXPOSURE: NONE EXPECTED

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: NONE EXPECTED

CARCINOGEN LISTING: NTP: **NO** IARC: **NO** OSHA: **NO**

SEE SECTION III FOR COMPONENTS AFFECTED

MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVER EXPOSURE TO THIS PRODUCT: NONE

SECTION III - COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS/EC #	PEL/TLV (MG/M#)	Max % Weight	NTP	IARC
None					

SECTION IV - FIRST AID MEASURES

FIRST AID MEASURES: NONE REQUIRED. NO ACUTE HEALTH EFFECTS EXPECTED.

SECTION V - FIRE FIGHTING MEASURES

FLASH POINT (METHOD): Greater than 65 .6 o C. ASTM D3828
TEMPERATURE: N/A

AUTOIGNITION

EXPLOSION LIMITS IN AIR (% BY VOLUME): NOT EXPLOSIVE
EXTINGUISHING MEDIA: NO SPECIAL MEDIA REQUIRED

FIRE FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED
UNUSUAL FIRE & EXPLOSION HAZARDS: NOT COMBUSTIBLE

SECTION VI - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: Clean up in accordance with all applicable regulations. Absorb spillage with non-combustible, absorbent material. For waste disposal, see Section XIII

SECTION VII - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING: Good industrial hygiene practice requires that exposure be maintained below the TLV. This is preferably achieved through the provision of adequate ventilation. When exposure cannot be adequately controlled in this way, personal respiratory protection should be employed.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: NONE REQUIRED

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): NONE REQUIRED

WORK/HYGIENE PRACTICES: NONE REQUIRED

ENGINEERING CONTROLS: NONE REQUIRED

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A

MELTING POINT: N/A

VAPOR PRESSURE: N/A

SPECIFIC VAPOR DENSITY (AIR=1): N/A

SPECIFIC GRAVITY: N/A

SOLUBILITY IN WATER: N/A

REACTIVITY IN WATER: NON-REACTIVE

SECTION X - STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION PRODUCTS: N/A

STABILITY: STABLE CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (MATERIALS TO AVOID): N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

SECTION XI - TOXICOLOGICAL INFORMATION

ACUTE EFFECTS ASSOCIATED WITH USE OF THIS MATERIAL: NONE EXPECTED

The summated LD50 is 25405 mg/kg.

The summated LC50 is 99999 mg/cubic meter.

This product is not considered to be a known or suspected human carcinogen by NTP, IARC or OSHA (see section III)

SECTION XII - ECOLOGICAL INFORMATION

NO HARMFUL EFFECTS KNOWN OTHER THAN THOSE ASSOCIATED WITH SUSPENDED INERT SOLIDS IN WATER.

SECTION XIII - DISPOSAL CONSIDERATIONS

RCRA HAZARD CLASS (40 CFR 261): THIS PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS WASTE.
WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION XIV - TRANSPORTATION INFORMATION

US DOT (40 CFR 172.101). THIS IS NOT A HAZARDOUS MATERIAL AS CLASSIFIED BY CFR 172.101.

SECTION XV - REGULATORY INFORMATION

CONTENTS OF THIS SDS COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200

EPA SARA TITLE III CHEMICAL LISTINGS:
SECTION 302.4 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355):
NONE

SECTION 313 TOXIC CHEMICALS (40 CFR 372):
NONE

INTERNATIONAL REGULATIONS

CANADIAN WHMIS: THIS PRODUCT IS A CONTROLLED PRODUCT UNDER CANADA'S WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM. IT CONTAINS THE FOLLOWING TOXIC OR HIGHLY TOXIC MATERIALS:
ETHYL ALCOHOL

SUPPLEMENTAL STATE COMPLIANCE INFORMATION:

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED UNDER NEW JERSEY'S RIGHT TO KNOW PROGRAM:
ETHYL ALCOHOL

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) REQUIRING NOTIFICATION TO THE STATE OF WASHINGTON UNDER THEIR CHILDREN'S SAFE PRODUCTS ACT:
NONE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN FLORIDA'S TOXIC SUBSTANCE LIST:
Denatured alcohol

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN MAINE'S PRIORITY CHEMICAL LIST:
NONE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS CONSIDERED BY VERMONT AS BEING OF VERY HIGH CONCERN TO CHILDREN:
NONE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN MASSACHUSETTS HAZARDOUS SUBSTANCE LIST:
Ethyl alcohol

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED ON MICHIGAN'S CRITICAL MATERIALS REGISTER:
NONE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED ON MINNESOTA'S HAZARDOUS SUBSTANCES LIST:
Ethanol

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED IN PENNSYLVANIA'S HAZARDOUS SUBSTANCES LIST:
Ethanol

Under CPSC's consumer product regulations (16CFR1500.3 and 1500.14), this product has the following required acute and chronic hazard labeling:

NONE

SECTION XVI - OTHER INFORMATION

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

LAST REVISION DATE: 06/13/2018

Prepared by Duke OEM Toxicology

BRAND NAMES

THIS SDS APPLIES TO THE FOLLOWING BRAND NAMES

Brand Name

SPEEDBALL PHOTO EMULSION
4554 - SPEEDBALL DIAZO PHOTO EMULSION

Diazo Photoemulsion Remover

SAFETY DATA SHEET (SDS)

Version: 02

Date of Issue: March 30, 2020

According to: OSHA Hazard Communication Standard
29 CFR 1910.1200(g) Rev. 2012

Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name: Diazo Photoemulsion Remover
 Other Means of Identification: None known
 Product Description: A liquid to be used for cleaning screens used in screen printing.

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s): Use the product for its intended purpose as a screen cleaner during screen-printing.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Speedball Art Products Co.
 PO Box 5157
 2301 Speedball Road
 Statesville, NC 28677

Business Phone: 704-978-4166 Fax: 704-838-1472
 Email: budmartin@speedballart.com

1.4 Emergency telephone number

Emergency Telephone: Transportation: 1-800-898-7224
 Health: 1-800-222-1222

Section 2 – Hazard(s) Identification

2.1. Classification of the substance or mixture

According to: OSHA Hazard Communication Standard 29 CFR 1910.1200(g) Rev. 2012

Health	Environment	Physical
Eye Irritation (Category 2A), H319	Not classified	Not classified

2.2. Label elements

Label Pictogram:



Signal Word: Warning

Hazard Statement: H319: Causes serious eye irritation.

Precautionary Statement:

- Wash hands thoroughly after handling (P264)
- Wear protective gloves/protective clothing/eye protection/face protection (P280)
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. (P305+P351+P338)
- IF eye irritation persists: Get medical advice/attention (P337+P313)
- If medical advice is needed, have product container or label at hand

2.3. Other hazards

- If exposed for greater than 4 hours, skin irritation may occur.

Section 3 – Composition / Information on Ingredients**Mixture**

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EINECS No.</u>	<u>% Weight</u>
Sodium m-periodate	7790-28-5	232-197-6	1.8552%

Section 4 – First Aid Measures**4.1 Description of first aid measures**

Eye contact: IF IN EYES: Rinse cautiously with water for at least 15 minutes. Remove contact lenses if present and easy to do - continue rinsing. IF eye irritation persists: Get medical advice/attention.

Skin contact: IF ON SKIN: wash with plenty of water and soap. IF SKIN irritation occurs: Get medical advice/attention. Take off contaminated clothing.

Inhalation: Inhalation route of exposure is not anticipated with intended use. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Seek medical attention if in doubt.

Ingestion: No specific first aid measures are required. Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if in doubt.

4.2 Most important symptoms and effects, both acute and delayed

- May be irritating to eyes and skin
- Refer to **Section 11** - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

- Not required.

Section 5 – Fire Fighting Measures**5.1 Extinguishing media**

Suitable Extinguishing Media: Use extinguishing media suitable for surrounding area if material is involved in a fire (e.g., water fog, foam, dry chemical or carbon dioxide).

Unsuitable Extinguishing Media: None known.

5.2 Special hazards arising from the substance or mixture**Hazardous combustion products:**

- Irritating vapours or fumes may form if product is involved in fire:
 - Carbon dioxide
 - Carbon monoxide
 - Nitrogen oxides
- See also **Section 10** - Stability and Reactivity.

5.3 Advice for firefighters

- Wear a self-contained breathing apparatus to protect against potentially irritating fumes.

Section 6 – Accidental Release Measures

6.1 Personal precautions, protective equipment (PPE) and emergency procedures

Personal Precautions: Use protective gloves, goggles and suitable protective clothing. Do not smoke, use open fire or other sources of ignition. Observe PPE advice in **Section 8** – Exposure Controls/Personal Protection.

Emergency Procedures: Not available.

6.2 Environmental precautions:

- Prevent entry and contact with soil, drains, sewers, and waterways. Inform relevant local/regional/national/international authorities.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures: Contain spill if safe to do so. Remove sources of ignition. Keep combustibles away from spilled material. Collect recoverable product and place in a designated container for disposal. Flush the area with water. Avoid dust formation. Dispose of sealed contents/container and wash water in accordance with local/regional/national/international regulations.

6.4 Reference to other sections

- Refer to **Section 8** - Exposure Controls/Personal Protection and **Section 13** – Disposal Considerations.

Section 7– Handling and Storage

7.1 Precautions for safe handling

- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Wash contaminated clothing before reuse.
- Employees should be trained in the safe use and handling of chemical materials.
- Sinks and eye wash stations should be available in the work area.
- Keep product below 284°F / 140°C
- Refer to **Section 8** - Exposure Controls/Personal Protection.

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed to avoid spills.
- Keep in a cool dry place.
- Protect from direct sunlight.
- Keep in original container.
- Keep chemicals locked up or in an area accessible to only qualified personnel.

7.3 Specific end use(s)

- Refer to **Section 1.2** - Relevant identified uses.

Section 8– Exposure Controls / Personal Protection

8.1 Control Parameters:

- There are no exposure values available for the chemicals in this product.

8.2 Exposure Controls:**Appropriate engineering controls**

- Use ventilation or other engineering controls to maintain low airborne concentrations.
- Minimize contact with eyes, skin and clothing by using good hygiene practices.
- Sinks and eyewash stations should be available in the work area.

8.3 Personal Protective Equipment

Note: Consider the concentration and amount of product at the workplace when selecting PPE.

Respiratory: No specific respiratory protection is required. If ventilation is inadequate, use an approved respirator such as a High Efficiency Particulate Air (HEPA) respirator and filter cartridge authorized by regulatory standards.

Eyes/Face: Wear chemical safety goggles approved by appropriate regulatory standards.

Hands/Skin: Wear chemical resistant gloves. If necessary, refer to appropriate regulatory standards.

Body: Wear protective clothing. If necessary, refer to appropriate regulatory standards.

Thermal Hazards: None known.

Environmental Exposure Controls: Not available.

Section 9 – Physical and Chemical Properties**9.1 Information on basic physical and chemical properties**

Note: The data below are typical values and do not constitute a specification.

Appearance:		Partition Coefficient n-octanol/water:	Not available
Physical state:	Liquid	Auto-ignition temperature:	Not available
Colour:	Not available	Decomposition temperature:	Not available
Odour/Odour threshold:	Not available	Dynamic viscosity:	Not available
pH (as supplied):	Not available	Molecular weight:	Not available
Melting/freezing point:	Not available	Taste:	Not available
Boiling point/range:	Not available	Explosive properties:	Not available
Flash point:	Not available	Oxidizing properties:	Not available
Evaporation rate:	Not available	Surface tension:	Not available
Flammability:	Not available	Volatile component:	Not available
Upper/lower explosive limits:	Not available	Gas group:	Not available
Vapor pressure:	Not available	pH (as solution):	Not available
Water solubility:	Not available	VOC:	Not available
Vapor density (Air = 1):	Not available	Particle size range:	Not available
Specific gravity (Water = 1):	Not available		
Relative density:	Not available		

9.2 Other information

No further data available.

Section 10 – Stability and Reactivity

10.1 Reactivity

- This material is considered to not be reactive under normal handling and storage conditions.

10.2 Chemical stability

- This material is considered stable under normal handling and storage conditions.

10.3 Possibility of hazardous reactions

- Not expected to occur under normal handling and storage conditions.

10.4 Conditions to avoid

- Exposure to high temperatures
- Strong acids
- Strong oxidisers
- Direct sunlight

10.5 Incompatible materials

- Strong acids
- Strong oxidisers

10.6 Hazardous decomposition products

- Hazardous decomposition products including but not limited to carbon monoxide, carbon dioxide, and nitrogen oxides may be released under fire conditions.

Section 11 – Toxicological Information

Likely routes of exposure: Skin contact.

Potential signs and symptoms: Direct contact with skin or eyes may cause irritation if product is not used as intended.

Acute oral toxicity:	Practically non-toxic based on available animal and human use data. ATE >5000 mg/kg
Acute dermal toxicity:	Practically nontoxic based on available animal and human use data..
Acute inhalation toxicity:	Practically nontoxic based on available animal and human use data.
Skin corrosion/irritation:	Sodium m-periodate (CAS No. 7790-28-5) may cause skin irritation based on animal studies and human data. Symptoms include redness, heat, swelling, and pain. The other components of this product are not skin irritants.
Serious eye damage/irritation:	Sodium m-periodate (CAS No. 7790-28-5) may cause eye irritation based on animal studies and human data. Symptoms include red or pink eyes, burning, light sensitivity, itchiness and pain. The other components of this product are not skin irritants.
Respiratory or skin sensitization:	The components in this product are not sensitizing to the skin based on human and/or animal studies.
Mutagenicity:	The components in the product are not mutagenic based on animal studies or no data identified for the components in this product.
Carcinogenicity:	The components in the product are not carcinogenic based on animal studies or no data identified for the components in this product.

Reproductive Toxicity:	The components in the product are not reproductive toxicants based on animal studies or no data identified for the components in this product.
Specific target organ toxicity (single exposure):	The components in the product are not specific target organ toxicity (single exposure) toxicants based on animal studies or no data identified for the components in this product.
Specific target organ toxicity (repeated exposure):	The components in the product are not specific target organ toxicity (repeated exposure) toxicants based on animal studies or no data identified for the components in this product.
Aspiration hazard:	The components in the product are not aspiration hazards based on animal studies or no data identified for the components in this product.

References:

ECHA. 2020. REACH Registered Substances Database.

Section 12 – Ecological Information

12.1 Toxicity

- This product is not expected to be harmful or toxic to aquatic life. See ecotoxicity data below.

Chemical Name	CAS No.	Species	Test Results (mg/L)
Sodium m-periodate	7790-28-5	Rainbow trout (oncorhynchus mykiss)	96-hour LC50 = >0.17
		Daphnia magna	48-hour LC50 = 0.18
		Pseudokirchneriella subcapitata	72-hour ErC50 = 1.1

12.2 Persistence and degradability

- No data available for the components of the product.

12.3 Bioaccumulative potential

- No potential for bioaccumulation of Sodium m-periodate (CAS No. 7790-28-5)
- No data available for other components of the product.

12.4 Mobility in Soil

- No data available.

12.5 Results of PBT and vPvB assessment

- No data available.

12.6 Other adverse effects

- No further data available.

References:

ECHA. 2020. REACH Registered Substances Database.

Section 13 – Disposal Considerations

13.1 Waste treatment methods

Preparing wastes for disposal: Use product for its intended purpose or recycle if possible. Waste should not be disposed of by release to sewers. Dispose of waste in accordance with local, regional, national, and/or international regulations.

Section 14 – Transport Information

Note: This product is not regulated as dangerous goods for transport. Review classification requirements before shipping materials to high temperatures.

	ADR/RID/ADNR/DOT	IMO/IMDG	ICAO/IATA
14.1 UN number	Not regulated	Not regulated	Not regulated
14.2 UN proper shipping name	Not regulated	Not regulated	Not regulated
14.3 Transport hazard class(es):	Not regulated	Not regulated	Not regulated
14.4 Packing group	Not regulated	Not regulated	Not regulated
14.5 Environmental hazards	None	None	None
14.6 Special precautions for user	None	None	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable

Section 15 – Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

United States

Federal Regulations:

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):

Chemical Name	CAS No.	Reportable quantity (lbs)	Calculated (lbs)
Nitric Acid	7697-37-2	1000	12,406

No other components in this product are listed under CERCLA.

Clean Water Act (CWA): No components in this product are listed as toxic pollutants.

Clean Air Act (CAA): No components in this product are listed under the CAA.

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA 302 Components:

Chemical Name	CAS No.	Reportable quantity (lbs)	Calculated (lbs)
Nitric Acid	7697-37-2	1000	12,406

No other components in this product are subject to reporting requirements of S.302.

SARA 311/312 Hazards: No components in this product are SARA Hazards.

SARA 313 Components: Nitric acid (CAS No. 7697-37-20 is subject to S. 313. No components in this product are subject to S.313.

Toxic Substances Control Act (TSCA):

All components in this product are listed on the non-confidential TSCA inventory.

State Regulations:

California: No components in this product are listed.

International:

IARC: No components in this product are classified with respect to carcinogenicity.

15.2 Chemical Safety Assessment

- None available

Section 16 – Other Information

List of acronyms and abbreviations:

ACGIH: American Conference of Governmental Industrial Hygienists	IMO: International Maritime Organization
ADR: International Carriage of Dangerous Goods by Road	MARPOL: Maritime Pollution
ADNR: Regulation for the carriage of dangerous substances on the Rhine	mg/L: Milligrams per Litre
CAS: Chemical Abstract Service Number	NIH: National Institutes of Health
CLP: Classification, Labelling and Packaging Regulation (EC) No 1272/2008	NTP: National Toxicology Program
EC: European Commission	OSHA: Occupational Safety and Health Administration
ECHA: European Chemicals Agency	PBT: Persistent, Bioaccumulative and Toxic
EINECS: European Inventory of Existing Chemical Substances	PPE: Personal Protective Equipment
EPCRA: Emergency Planning and Community Right To Know Act	
GHS: Global Harmonized System	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
HEPA: High Efficiency Particulate Air	RID: International rule for transport of dangerous
IBC: International Bulk Chemical	SDS: Safety Data Sheet
IARC: International Agency for Research on Cancer	STEL: Short-term Exposure Limit
IATA: International Air Transport Association	TWA: Time Weighted Average (8-hour)
ICAO: International Civil Aviation Organization	UN: United Nations
IDLH: Immediately Dangerous to Life or Health	vPvB: very Persistent, very Bioaccumulative
IMDG: International Maritime Dangerous Goods	

References:

- European Chemicals Agency (ECHA) Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
- European Chemicals Agency Classification and Labelling Inventory Database.

Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Revision Indicator: This is a 2nd revision Safety Data Sheet.

Creation Date: March 30, 2020