Speedball Studio Plus Glazes

SAFETY DATA SHEET (SDS)

Version: 01
Date of Issue: February 23, 2026

According to: OSHA Hazard Communication Standard 29 CFR 1910.1200(g) Rev. 2024

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

1.1 Product identifier

Product Name:	Speedball Studio Plus Glazes
Product Colors (SKUs):	Frost, Cherry, Tangerine, Bumblebee, Dandelion, Kale, Arctic Blue, Ube, Mint, Dusk Blue, Infinite Blue, Pear, Onyx, Punch Pink, Lavender, Rich Brown, Blue Jeans, Crimson, Cerulean (50F030), Glacier (50F031), Dark Granite (50F033), Cream Soda (50F034), Morning Fog (50F038), Avernturine (50F039)
Product sizes:	2 oz – 128 oz
Product Description:	Colored liquid glaze formulations intended to be applied with a brush, then placed in a kiln for glaze firing.

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

Relevant identified use(s): The product is intended for general (adults) arts and crafts purposes.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Speedball Art Products Company, LLC
2301 Speedball Rd
Statesville, NC 26277
USA

Business Phone: +1 (704) 838-1475

1.4 Emergency telephone number

Emergency Telephone: For health emergencies call the Poison Control Center: 1-800-222-1222.
For transportation emergencies only call CHEMTREC: 1800-262-8200 (US only)

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. 2024

Physical	Health	Environmental
Not classified	H371: Specific target organ toxicity (single exposure, Category 2 - gastrointestinal tract irritation) H360f: Reproductive toxicity (Category 1B – may damage fertility)	H411: Hazardous to the aquatic environment – long term (chronic) hazard (Category 2)

[a] Environmental hazards are outside the scope of OSHA; therefore, product classification for chronic aquatic toxicity (Category 2) is not mandatory.

2.2. Label elements

Label Pictogram:

Signal Word: Danger

Hazard Statement & Precautions:

Specific target organ toxicity (single exposure, Category 2, gastrointestinal tract) (H371)	**May cause irritation to gastrointestinal tract through oral exposure.** **P261**: Avoid breathing mist/vapour/spray. **P264:** Wash hands thoroughly after handling. **P270:** Do not eat, drink or smoke when using this product. **P308 + P316:** IF exposed or concerned: Get emergency medical help immediately. **P405**: Store locked up. **P501**: Dispose of contents/container in accordance with local/regional/national/ and/or international regulations.
Reproductive toxicity (Category 1B) (H360f)	**May damage fertility.** **P203:** Obtain, read, and follow all safety instructions before use. **P280:** Wear protective gloves and face protection. **P318:** If exposed or concerned, get medical advice. **P405:** Store locked up. **P501**: Dispose of contents/container in accordance with local/regional/national/international regulations.
Chronic aquatic toxicity (Category 2) (H411)	**Toxic to aquatic life with long lasting effects.** **P273:** Avoid release to the environment. **P391:** Collect spillage. **P501:** Dispose of contents/container in accordance with local, regional, national, and/or international regulation.

2.3. Other hazards

- None

Section 3 – Composition / Information on Ingredients

3.1 Substance

The product is a mixture and not a substance.

3.2 Mixture

Chemical Name	CAS No.	EC No.	% Concentration [a]	GHS Hazards
Crystalline silica	14808-60-7	238-878-4	up to 16.13%	H350: Carcinogenicity (Category 1A) (inhalation) H372: Specific target organ toxicity (repeated exposure, Category 1 - causes damage to lungs through prolonged or repeated exposure)
Cobalt carbonate	513-79-1	208-169-4	up to 0.94%	H317: Skin sensitization (Category 1) H334: Respiratory sensitization (Category 1) H341: Mutagenicity (Category 2) H350: Carcinogenicity (Category 1B) (inhalation) H361f: Reproductive toxicity (Category 1B – may damage fertility) H400: Acute aquatic toxicity (Category 1) H410: Chronic aquatic toxicity (Category 1)

Copper carbonate	12069-69-1	235-113-6	up to 1.42%	H302: Acute oral toxicity (Category 4) H319: Eye irritation (Category 2) H332: Acute inhalation toxicity (Category 4) H371: Specific target organ toxicity (single exposure, Category 2 - gastrointestinal tract irritation) H400: Acute aquatic toxicity (Category 1) H410: Chronic aquatic toxicity (Category 1)
Zinc oxide	1314-13-2	215-222-5	up to 0.86%	H371: Specific target organ toxicity (single exposure, Category 2 - gastrointestinal tract irritation) H400: Acute aquatic toxicity (Category 1) H410: Chronic aquatic toxicity (Category 1)
Black nickel oxide	1313-99-1	215-215-7	up to 0.88%	H317: Skin sensitization (Category 1) H350: Carcinogenicity (Category 1A) (inhalation) H372: Specific target organ toxicity (repeated exposure, Category 1 – causes damage to lungs through prolonged or repeated exposure) H413: Chronic aquatic toxicity (Category 4)

[a] Concentration is calculated as a maximum across all colors, rather than by color.

The other ingredients in the product are either considered non-hazardous or are below their respective GHS cut-off values/concentration limits in the final product and were therefore not disclosed in the SDS.

The product contains crystalline silica (CAS No. 14808-60-7), titanium dioxide (CAS No. 13463-67-7), black nickel oxide (CAS No. 1313-99-1), and wollastonite (CAS No. 13983-17-0) and tremolite (non-asbestos) (CAS No. 14567-73-8), which may be hazardous when inhaled. Given the nature and physical form of the product (*i.e.,* liquid glaze), airborne respirable particles would not likely be released from the product and therefore the hazard is not relevant to the product. It was assumed that the glaze will not be sanded after it has been fired in the kiln.

Section 4 – First Aid Measures

4.1 Description of first aid measures

Eye contact: No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and immediately flush eyes with water. If eye irritation persists, contact medical advise/attention.

Skin contact: No specific first aid measures are required. If irritation occurs, wash with plenty of water and soap. Take off contaminated clothing. If skin irritation persists: Get medical advice/attention.

Inhalation: No specific first aid measures are required. 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: IF SWALLOWED: Get emergency medical help immediately. Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

- 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:
- Also see **Section 10 - Stability and Reactivity**.

5.3 Advice for firefighters

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

Section 6 – Accidental Release Measures

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

Personal Precautions: Ventilate area if spilled in confined space or other poorly ventilated areas. Observe PPE advice in **Section 8 – Exposure Controls/Personal Protection**.

Emergency Procedures: No specific precautions required. Keep unauthorized personnel away.

.2 Environmental precautions:

Prevent entry and contact with soil, drains, sewers, and waterways. Inform relevant local/regional/national/international authorities. Prevent further leakage or spillage if it is safe to do so.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures: Contain spill if safe to do so. Collect recoverable product and place in a designated container for recycle and/or disposal. Ventilate contaminated area thoroughly. Dispose of contents/container in accordance with local/regional/national/international regulations.

.3 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.
- Wash contaminated clothing before reuse.
- Wear protective gloves and face protection.
- Avoid breathing mist/vapour/spray.
- Do not eat, drink or smoke when using this product.
- Obtain, read, and follow all safety instructions before use.
- Employees should be trained in the safe use and handling of chemical materials.
- 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.
- Collect spillage.
- Store locked up.

7.3 Specific end use(s)

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

Section 8– Exposure Controls / Personal Protection

8.1 Control Parameters:

Occupational exposure limits: Only vapours were considered to be foreseeable under conditions of normal use. Airborne particles, such as dust, are not foreseeable under conditions of normal use.

Chemical Name	CAS No.	ACGIH TLV TWA	OSHA PEL TWA	NIOSH REL TWA
Crystalline silica	14808-60-7	0.025 mg/m³ *	50 mg/m³ [25 µg/m³ Action level]	0.05 mg/m³
Zinc oxide	1314-13-2	2 mg/m³ *	5 mg/m³	5 mg/m³
N/A – Not applicable		* Respirable particulate matter		

8.2 Exposure Controls:

Appropriate engineering controls

- No special requirements under ordinary conditions of use and with adequate ventilation. Mechanical ventilation or local exhaust ventilation may be required.

8.3 Personal Protective Equipment

Note: Consider the concentration and amount of product at the workplace when selecting PPE. Use protective equipment as required.

Respiratory: Under normal conditions of use, respirator is not usually required. Use appropriate respiratory protection if exposure to dust particles, mist or vapors is likely. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.

Eyes/Face: If contact is likely, safety glasses with side shields are recommended.

Hands: Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur, wear chemically protective gloves.

Body/Skin: Gloves, coveralls, apron, boots as necessary to minimize contact. Do not wear rings, watches or similar apparel that could entrap the material.

Thermal Hazards: None known.

Environmental Exposure Controls:

Not available.

Hygiene measures: Observe good industrial hygiene practices. Avoid contact with skin. Contaminated work clothing should not be allowed out of the workplace and should be washed before reuse. When using the product do not eat, drink or smoke.

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:	Liquid	**Partition Coefficient**	
Color:	See **Section 1.1**	**n-octanol/water:**	Not available
Odor/Odor threshold:	Not available	**Auto-ignition temperature:**	Not available
pH (as supplied):	7.0 – 8.0	**Decomposition temperature:**	Not available
Melting/freezing point:	Not available	**Dynamic viscosity:**	Not available
Boiling point/range:	Not available	**Molecular weight:**	Not available
Flash point:	Not available	**Taste:**	Not available
Evaporation rate:	Not available	**Explosive properties:**	Not available
Flammability:	Not available	**Oxidizing properties:**	Not available
Upper/lower explosive limits:	Not available	**Surface tension:**	Not available
Vapor pressure:	Not available	**Volatile component:**	Not available
Water solubility:	Not available	**Gas group:**	Not available
Vapor density (Air = 1):	Not available	**pH (as solution):**	Not available
Specific gravity (Water = 1):	Not available	**VOC:**	Not available
Relative density:	Not available	**Particle size range:**	Not available

9.2 Other information

- No further data available.

Section 10 – Stability and Reactivity

10.1 Reactivity

- This material is not considered to 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 bases
- Strong oxidisers

10.5 Incompatible materials

- Strong acids
- Strong bases
- Strong oxidisers
- Strong reducing agents.

10.6 Hazardous decomposition products

- Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion. Irritating and toxic substances may be emitted upon combustion, burning, or decomposition of dry solids.

Section 11 – Toxicological Information

Likely routes of exposure: Skin contact, incidental ingestion.
Potential signs and symptoms: None expected under conditions of normal use.

Acute oral toxicity:	The product is practically non-toxic based on available animal and human use data. Oral ATE >5000 mg/kg
Acute dermal toxicity:	The product is practically non-toxic based on available animal and human use data. Dermal ATE >5000 mg/kg
Acute inhalation toxicity:	The product is practically non-toxic based on available animal and human use data.
Skin corrosion/irritation:	The ingredients >1% in the product are not skin irritants based on human and/or animal studies.
Serious eye damage/irritation:	Copper carbonate (CAS No. 12069-69-1) has been classified for eye irritation (Category 2). Product classification is not warranted for eye irritation given the concentration of copper carbonate present in the product. The other ingredients >1% in the product are not eye irritants based on human and/or animal studies.
Respiratory or skin sensitization:	Cobalt carbonate (CAS No. 513-79-1) has been classified for skin and respiratory sensitization (Category 1). Black nickel oxide (CAS No. 1313-99-1) has been classified for skin sensitization (Category 1). Product classification is not warranted for these effects given the concentration of cobalt carbonate and black nickel oxide present in the product. The other ingredients >0.1% in the product are not sensitizing to the skin based on human and/or animal studies.

Mutagenicity: Cobalt carbonate (CAS No. 513-79-1) has been classified for mutagenicity (Category 2). Product classification is not warranted given the concentration of cobalt carbonate present in the product. The other ingredients >0.1% in the product are not mutagenic based on human and/or animal studies.

Carcinogenicity: Crystalline silica (CAS No. 14808-60-7) (airborne, unbound particles of respirable size) and black nickel oxide (CAS No. 1313-99-1) have been classified for carcinogenicity (Category 1A). Cobalt carbonate (CAS No. 513-79-1) has been classified for carcinogenicity (Category 1B). Crystalline silica (listed as silica dust, crystalline, in the form of quartz or cristobalite) is listed as Group 1 by IARC. Crystalline silica is also listed as a carcinogen by NTP and ACGIH. Product classification is not warranted for carcinogenicity based on a review of available data and the nature/physical form of the product (*i.e.,* liquid glaze). The other ingredients >0.1% are not carcinogenic based on animal studies or no data identified for the components in this product.

Reproductive Toxicity: Cobalt carbonate (CAS No. 513-79-1) has been classified for reproductive toxicity (Category 1B – may damage fertility). Product classification is warranted for reproductive toxicity given the concentration of cobalt carbonate in the product. The other ingredients >0.1% in the product are not reproductive toxicants based on human and/or animal studies.

Specific target organ toxicity (single exposure): Copper carbonate (CAS No. 12069-69-1) and zinc oxide (CAS No. 1314-13-2) have been classified for specific target organ toxicity (single exposure, Category 2 – gastrointestinal tract irritation). Product classification is warranted for specific target organ toxicity given the concentration of copper carbonatepresent in the product. The other ingredients >1% in the product are not specific target organ toxicity (single exposure) toxicants based on human and/or animal studies.

Specific target organ toxicity (repeated exposure): Crystalline silica (CAS No. 14808-60-7) and black nickel oxide (CAS No. 1313-99-1) have been classified for specific target organ toxicity (repeated exposure, Category 1 - causes damage to lungs through prolonged or repeated exposure). Product classification is not warranted for specific target organ toxicity based on a review of available data and the nature/physical form of the product (*i.e.,* liquid glaze). The other ingredients >1% are not specific target organ toxicity (repeated exposure) toxicants based on human and/or animal studies.

Aspiration hazard: The ingredients >1% in the product are not aspiration hazards based on human and/or animal studies.

References:

ECHA (European Chemicals Agency). 2026. REACH Registered Substances Database. https://chem.echa.europa.eu/
IARC (International Agency for Research on Cancer). 2025. Agents Classified by the IARC Monographs, Volumes 1-129. https://monographs.iarc.who.int/list-of-classifications/
NTP (National Toxicology Program). 2021. Report on Carcinogens, Fifteenth Edition.; Research Triangle Park, NC: U.S. Department of Health and Human Services, Public Health Service. https://ntp.niehs.nih.gov/go/roc15

Section 12 – Ecological Information

12.1 Toxicity

- Environmental hazards are outside the scope of OSHA. Based on the criteria outlined in the 11th revision of the GHS, product classification for chronic aquatic toxicity (Category 2) is warranted which results in the Transportation Information provided in **Section 14**.

Chemical Name	CAS No.	Species	Value
Cobalt carbonate	513-79-1	*Oncorhynchus mykiss*	LC_{50}: 0.8mg Co/L
		Pimephales promelas	EC_{10}: 350 µg Co/L
		Ceriodaphnia dubia	LC_{50}: 0.386 mg Co/L
		Hyalella azteca	NOEC: 7.55 µg Co/L

Copper carbonate	12069-69-1	-	LC_{50}: 34.4 µg Cu/L
			NOEC: 14.9 µg Cu/L
Zinc oxide	1314-13-2	*Raphidocelis Subcapitata Pseudokirchneriella subcapitata*	ERV (acute): pH 6.08: 308 µg Zn/L pH 8.0: 41 µg Zn/L ERV (chronic): pH 6.0: 118 µg Zn/L pH 8.0: 11 µg Zn/L

12.2 Persistence and degradability

- Cobalt carbonate (CAS No. 513-79-1), copper carbonate (CAS No. 12069-69-1) and zinc oxide (CAS No. 1314-13-2) are metals/inorganic substances. Testing is not conducted for inorganic substances.

12.3 Bioaccumulative potential

- No data available.

12.4 Mobility in Soil

- No data available.

12.5 Results of PBT and vPvB assessment

- The ingredients in this product are not considered PBT or vPvB.

12.6 Other adverse effects

- No further data available.

References:

ECHA (European Chemicals Agency). 2026. REACH Registered Substances Database. https://chem.echa.europa.eu/

Section 13 – Disposal Considerations

13.1 Waste treatment methods

Preparing wastes for disposal: Use product for its intended purpose or recycle if possible. Dispose of waste in accordance with local, regional, national, and/or international regulations. The empty container has residues which may exhibit hazards of the product.

Contaminated Packaging: Container packaging is not expected to exhibit hazards.

Section 14 – Transport Information

Note: This product is regulated as dangerous goods for transport.

14.1 UN number	3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3 Transport hazard class(es):	9
14.4 Packing group	III
14.5 Environmental hazards	Chronic aquatic toxicity (Category 2)
14.6 Special precautions for user	274, 331, 335, 375, 601
14.7 Maritime transport in bulk according to IMO instruments	Not applicable

Section 15 – Regulatory Information

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

Note: The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in **Section 3 – Composition / Information on Ingredients**.

United States

Federal Regulations:

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): No ingredients in this product >0.1% are subject to reporting under CERCLA.

Clean Water Act (CWA): Copper, zinc, nickel, cadmium and selenium and their compounds are listed as toxic pollutants. No other ingredients in this product are listed as toxic pollutants.

Clean Air Act (CAA): Formaldehyde (CAS No. 50-00-0) is listed by the CAA with a threshold quantity of 15,000 lbs. No other ingredients in this product are listed under the CAA.

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

SARA 302 Components: Formaldehyde (CAS No. 50-00-0) has a reporting quantity of 500 lbs in accordance with S.302. No other ingredients in this product are subject to reporting requirements of S.302.

SARA 304 Emergency Release Notification: Formaldehyde (CAS No. 50-00-0) has a reporting quantity of 100 lbs in accordance with S.304. No other ingredients in this product are subject to reporting requirements of S.304.

SARA 311/312 Hazards: Specific target organ toxicity (single exposure), reproductive toxicity, aquatic chronic toxicity.

SARA 313 Components: Formaldehyde (CAS No. 50-00-0), cobalt and cadmium and their compounds, selenium sulfide (CAS No. 7446-34-6) and vanadium pentoxide (CAS No. 1314-62-1) are subject to reporting requirements of S.313. No other ingredients in this product are subject to reporting requirements of S.313.

Toxic Substances Control Act (TSCA): Tremolite (non-asbestos) (CAS No. 14567-73-8), wollastonite (CAS No. 13983-17-0), Methanol, (1H,3H,5H-oxazolo[3,4-c]oxazol-7a(7H)-ylmethoxy)- (CAS No. 59720-42-2), 5-hydroxypoly (methyleneoxy (74% C2, 21% C3, 4% C4, 1% C5) methyl-1-aza-3, 7-dioxabicyclo- (3.3.0) octane (CAS No. 56709-13-8), and silicic acid, zirconium salt, cadmium pigment-encapsulated (CAS No. 102184-95-2) are not listed on the non-confidential TSCA inventory. All other ingredients are listed on the non-confidential TSCA inventory or are exempt.

State Regulations:

California Candidate Chemicals List: Crystalline silica (CAS No. 14808-60-7), titanium dioxide (CAS No. 13463-67-7), cobalt carbonate (CAS No. 513-79-1), tremolite (non-asbestos) (CAS No. 14567-73-8), black nickel oxide (CAS No. 1313-99-1), cobalt, cadmium, formaldehyde (CAS No. 50-00-0), selenium sulfide (CAS No. 7446-34-6) and vanadium pentoxide (CAS No. 1314-62-1) are listed on California's Candidate Chemicals List. No other ingredients in this product are listed on the Candidate Chemicals List.

California Proposition 65 List: Crystalline silica (CAS No. 14808-60-7) [listed as silica, crystalline (airborne particles of respirable size)] and titanium dioxide (CAS No. 13463-67-7) (airborne particles of respirable size) are listed on the Proposition 65 List; however, given the nature/physical form of the product (*i.e*., liquid glaze), airborne respirable particles would not likely be released from this product and therefore the listed forms of crystalline silica and titanium dioxide are not relevant for the product. Cobalt [listed as cobalt metal powder / cobalt (II) oxide], vanadium pentoxide (CAS No. 1314-62-1) [listed as vanadium pentoxide (orthorhombic crystalline form)], nickel oxide (listed as nickel compounds / nickel oxide) are listed on the California Proposition 65 List as chemicals known to the State of California to cause cancer. Warnings for the purpose of California Proposition 65 for these chemicals are not warranted given the nature/physical form of the product (*i.e.,* liquid glaze). It was assumed that the glaze will not be sanded after it has been fired in the kiln. Formaldehyde [listed as formaldehyde (gas) (CAS No. 50-00-0)] is listed on the California Proposition 65 List as a chemical known to the State of California to cause cancer. A screening assessment indicates that the level of formaldehyde is not expected to be a cause for concern or require warnings as per California Proposition 65. Cadmium (also listed as cadmium and cadmium compounds) and selenium sulfide are listed on the California Proposition 65 List as chemicals known to the State of California to cause cancer and/or developmental/reproductive toxicity. Encapsulated cadmium pigments contain cadmium and selenium sulfide encased in zirconium silicate rendering the cadmium and selenium sulfide unavailable and insoluble. Given the encapsulated nature of the cadmium pigment, the presence of cadmium and selenium sulfide in the product does not warrant warnings for the purpose of California Proposition 65.

Maine List of Chemicals of High Concern: Given the product is not considered to be a toy and is not intended for use by children, the List of Chemicals of High Concern is not applicable to the product.

Massachusetts Toxic or Hazardous Substance List: Fine mineral media (CAS No. not provided), cobalt, cadmium, vanadium pentoxide (CAS No. 1314-62-1), and formaldehyde (CAS No. 50-00-0) are listed on the Toxic or Hazardous Substance List. No ingredients in this product are listed on the Toxic or Hazardous Substance List.

Minnesota Chemicals of High Concern List and Priority List: Crystalline silica (CAS No. 14808-60-7), titanium dioxide (CAS No. 13463-67-7), cobalt carbonate (CAS No. 513-79-1), tremolite (non-asbestos) (CAS No. 14567-73-8), black nickel oxide (CAS No. 1313-99-1), cobalt, cadmium, vanadium pentoxide (CAS No. 1314-62-1) and formaldehyde (CAS No. 50-00-0) are listed on the Chemicals of High Concern and Priority list. No other ingredients in this product are listed on the Chemicals of High Concern and Priority list.

New Jersey Right to Know Hazardous Substance List: Crystalline silica (CAS No. 14808-60-7), titanium dioxide (CAS No. 13463-67-7), limestone/dolomite (CAS No. 1317-65-3), zinc oxide (CAS No. 1314-13-2), glyoxal (CAS No. 107-22-2), black nickel oxide (CAS No. 1313-99-1), cobalt, cadmium, vanadium pentoxide (CAS No. 1314-62-1), selenium sulfide (CAS No. 7446-34-6) and formaldehyde (CAS No. 50-00-0) are listed on the Right to Know Hazardous Substance List. No other ingredients are listed on the Right to Know Hazardous Substance List.

Pennsylvania Hazardous Substance List: Fine mineral media (CAS No. not provided), silica, amorphous (CAS No. 7631-86-9), crystalline silica (CAS No. 14808-60-7), titanium dioxide (CAS No. 13463-67-7), limestone/dolomite (CAS No. 1317-65-3), zinc oxide (CAS No. 1314-13-2), black nickel oxide (CAS No. 1313-99-1), cobalt, cadmium, vanadium pentoxide (CAS No. 1314-62-1), selenium sulfide (CAS No. 7446-34-6) and formaldehyde (CAS No. 50-00-0) are listed on the Hazardous Substance List. No other ingredients in this product are listed on the Hazardous Substance List.
Vermont Chemicals of High Concern to Children: Given the product is not considered to be a toy and is not intended for use by children, the Chemicals of High Concern to Children list is not applicable to the product.
Washington Chemicals of High Concern to Children: Given the product is not considered to be a toy and is not intended for use by children, the Chemicals of High Concern to Children list is not applicable to the product.

International:
IARC: Crystalline silica (listed as silica dust, crystalline, in the form of quartz or cristobalite) (CAS No. 14808-60-7), and formaldehyde (CAS No. 50-00-0) are listed as Group 1, carcinogenic to humans. Titanium dioxide (CAS No. 13463-67-7) is listed as Group 2B, possibly carcinogenic to humans. Silica, amorphous (CAS No. 7631-86-9) and wollastonite (CAS No. 13983-17-0) are listed as Group 3, not classifiable as to its carcinogenicity to humans. No other ingredients in this product are classified with respect to carcinogenicity.

15.2 Chemical Safety Assessment
- None available for the ingredients in this product.

Section 16 – Other Information

The product, *Speedball Studio Plus Glazes,* must be properly labeled for the known health risks (*i.e.,* gastrointestinal irritation as a result of acute oral exposure) and should reflect the ACMI CL Seal.

List of acronyms and abbreviations:

ACGIH: American conference of Governmental Hygienists	NIOSH: National Institute for Occupational Safety & Health
ATE: Acute Toxicity Estimate	NOEC: No Observed Effect Concentration
CAA: Clean Air Act	OSHA: Occupational Safety and Health Administration
CAS: Chemical Abstract Service Number	PBT: Persistent, Bioaccumulative and Toxic
CERCLA: Comprehensive Environmental Response and Liability Act	PEL: Permissible Exposure Level
CFR: Code of Federal Regulations	PPE: Personal Protective Equipment
CWA: Clean Water Act	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
EC: European Commission	REL: Recommended exposure level
EC_{50}: Median effective concentration	RQ: Reportable quantity
ECHA: European Chemicals Agency	SARA: Superfund Amendment and Reauthorization Act
ERV: Ecotoxicity Reference Value	SDS: Safety Data Sheet
GHS: Global Harmonized System	TLV: Threshold limit value
HEPA: High Efficiency Particulate Air	TWA: Time-weighted average
IARC: International Agency for Research on Cancer	TSCA: Toxic Substances Control Act
IBC: International Bulk Chemical	UN: United Nations
LC_{50}: Lethal Concentration 50%	vPvB: very Persistent, very Bioaccumulative
MARPOL: Maritime Pollution	

References:

ECHA (European Chemicals Agency). 2026. REACH Registered Substances Database. https://chem.echa.europa.eu/

IARC (International Agency for Research on Cancer). 2025. Agents Classified by the IARC Monographs, Volumes 1–129. https://monographs.iarc.who.int/list-of-classifications/

NTP (National Toxicology Program). 2021. Report on Carcinogens, Fifteenth Edition.; Research Triangle Park, NC: U.S. Department of Health and Human Services, Public Health Service. https://ntp.niehs.nih.gov/go/roc15

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 23, 2026