Knockout White

SAFETY DATA SHEET (SDS)

Version: 02
Date of Issue: June 26, 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:	Knockout White
Product Colors:	White
Product sizes:	2 oz
Product Description:	Liquid medium formulation, intended to be applied using a brush or pen nib.

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	Not classified	Not classified

2.2. Label elements

Label Pictogram: None required
Signal Word: None required
Hazard statement: None required

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

The 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.

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. Seek medical attention if in doubt.

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: 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

- 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.

6.2 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.

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.
- Wash contaminated clothing before reuse.
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- 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.

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 vapors were considered to be foreseeable under conditions of normal use. Airborne particles, such as dust, are not foreseeable under conditions of normal use.

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:	White	**n-octanol/water:**	Not available
Odor/Odor threshold:	Not available	**Auto-ignition temperature:**	Not available
pH (as supplied):	8.0 – 9.0	**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:	The ingredients >1% in the product are not eye irritants based on human and/or animal studies.
Respiratory or skin sensitization:	The ingredients >0.1% in the product are not sensitizing to the skin based on human and/or animal studies.
Mutagenicity:	The ingredients >0.1% in the product are not mutagenic based on human and/or animal studies.
Carcinogenicity:	The ingredients >0.1% are not carcinogenic based on animal studies or no data identified for the components in this product.
Reproductive Toxicity:	The ingredients >0.1% in the product are not reproductive toxicants based on human and/or animal studies.
Specific target organ toxicity (single exposure):	The 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):	The 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). 2026. 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

- This product is not expected to be harmful or toxic to aquatic life.

12.2 Persistence and degradability

- No data available for the ingredients in the product.

12.3 Bioaccumulative potential

- No data available.

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 (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 not regulated as dangerous goods for transport.

14.1 UN number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
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

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): No ingredients in this product are listed as toxic pollutants.

Clean Air Act (CAA): Ethylene oxide (CAS No. 75-21-8) is listed by the CAA with a threshold quantity of 10,000 lbs. No other ingredients in this product are listed under the CAA.

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

SARA 302 Components: Ethylene oxide (CAS No. 75-21-8) has a reporting quantity of 1,000 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: Ethylene oxide (CAS No. 75-21-8) has a reporting quantity of 10 lbs in accordance with S.304. No other ingredients in this product are subject to reporting requirements of S.304.

SARA 311/312 Hazards: None.

SARA 313 Components: Ammonium hydroxide (CAS No. 1336-21-6) is 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): All ingredients are listed on the non-confidential TSCA inventory or are exempt.

State Regulations:

California Candidate Chemicals List: Ethylene oxide (CAS No. 75-21-8), 1,4-dioxane (CAS No. 123-91-1), ethylene glycol (CAS No. 107-21-1), 2-methoxyethanol (CAS No. 109-86-4) and 2-ethoxyethanol (CAS No. 110-80-5) 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: Titanium dioxide (CAS No. 13463-67-7) (airborne, unbound particles of respirable size) is listed on the Proposition 65 List as a chemical known to the State of California to cause cancer; however, given the nature/physical form of the product (*i.e.*, liquid), airborne respirable particles would not likely be released from this product and therefore the listed form of titanium dioxide is not relevant for the product. Ethylene glycol (ingested) (CAS No. 107-21-1), 2-methoxyethanol (CAS No. 109-86-4) (listed as ethylene glycol monomethyl ether), 2-ethoxyethanol (CAS No. 110-80-5) (listed as ethylene glycol monoethyl ether), ethylene oxide (CAS No. 75-21-8) and 1,4 dioxane (CAS No. 123-91-1) are listed on the California Proposition 65 List as chemicals known to the State of California to cause cancer and/or developmental/reproductive toxicity. A screening assessment indicates that the levels of these chemicals in the product are not expected to be a cause for concern or require warnings as per California Proposition 65. The other ingredients in the product are not listed on the California Proposition 65 List as chemicals known to the State of California to cause cancer and/or developmental/reproductive toxicity.

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: No ingredients in this product are listed on the Toxic or Hazardous Substance List.

Minnesota Chemicals of High Concern List and Priority List: Titanium dioxide (CAS No. 13463-67-7), ethylene oxide (CAS No. 75-21-8), 1,4-dioxane (CAS No. 123-91-1), ethylene glycol (CAS No. 107-21-1), 2-methoxyethanol (CAS No. 109-86-4) and 2-ethoxyethanol (CAS No. 110-80-5) 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: Titanium dioxide (CAS No. 13463-67-7), propylene glycol (CAS No. 57-55-6), potassium hydroxide (CAS No. 1310-58-3), ammonium hydroxide (CAS No. 1336-21-6), ethylene oxide (CAS No. 75-21-8), 1,4-dioxane (CAS No. 123-91-1), ethylene glycol (CAS No. 107-21-1), 2-methoxyethanol (CAS No. 109-86-4) and 2-ethoxyethanol (CAS No. 110-80-5) 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: Titanium dioxide (CAS No. 13463-67-7), silicon dioxide, amorphous (CAS No. 7631-86-9), propylene glycol (CAS No. 57-55-6), potassium hydroxide (CAS No. 1310-58-3), ammonium hydroxide (CAS No. 1336-21-6), ethylene oxide (CAS No. 75-21-8), 1,4-dioxane (CAS No. 123-91-1), ethylene glycol (CAS No. 107-21-1), 2-methoxyethanol (CAS No. 109-86-4) and 2-ethoxyethanol (CAS No. 110-80-5) 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: Ethylene oxide (CAS No. 75-21-8) is listed as Group 1, carcinogenic to humans. Titanium dioxide (CAS No. 13463-67-7) and 1,4-dioxane (CAS No. 123-91-1) are listed as Group 2B, possibly carcinogenic to humans. Silica, amorphous (CAS No. 7631-86-9) is 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

An **AP (Approved Product)** label is appropriate for this product. The product, *Knockout White,* is safe and is certified to contain no materials in sufficient quantities to be toxic or injurious to humans, including children, or to cause acute or chronic health problems.

List of acronyms and abbreviations:

ACGIH: American conference of Governmental Hygienists	NIOSH: National Institute for Occupational Safety & Health
ATE: Acute Toxicity Estimate	OSHA: Occupational Safety and Health Administration
BCF: Bioconcentration factor	PBT: Persistent, Bioaccumulative and Toxic
CAA: Clean Air Act	PEL: Permissible Exposure Level
CAS: Chemical Abstract Service Number	PPE: Personal Protective Equipment
CERCLA: Comprehensive Environmental Response and Liability Act	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
CFR: Code of Federal Regulations	REL: Recommended exposure level
CWA: Clean Water Act	RQ: Reportable quantity
EC: European Commission	SARA: Superfund Amendment and Reauthorization Act
ECHA: European Chemicals Agency	SDS: Safety Data Sheet
ERV: Ecotoxicity Reference Value	TLV: Threshold limit value
GHS: Global Harmonized System	TWA: Time-weighted average
HEPA: High Efficiency Particulate Air	TSCA: Toxic Substances Control Act
IARC: International Agency for Research on Cancer	UN: United Nations
IBC: International Bulk Chemical	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). 2026. 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 1st revision Safety Data Sheet.

Creation Date: June 19, 2026

1st Revision Date: June 26, 2026