40311-1024

Akua Liquid Pigment Inks

SAFETY DATA SHEET (SDS)

Version: 01
Date of Issue: September 16, 2022

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:	Akua Liquid Pigment Inks (Titanium White, Jet Black, Crimson Red, Hansa Yellow, Phthalo Blue, Ultramarine Blue, Lamp Black, Lemon Yellow, Phthalo Green Yellow, Pyrrole Orange, Burnt Sienna, Diarylide Yellow, Yellow Ochre, Burnt Umber, Scarlett Red, Quinacridone Red, Quinacridone Violet, Phthalo Green Blue, Phthalo Blue Green, Red Oxide, Raw Umber)
Product sizes:	1 fl. oz. (29.6 mL) & 4 fl. oz. (118 mL)
Other Means of Identification:	None known
Product Description:	A liquid pigment ink formulation used for general (adults) monotype brushwork, tinting and screen printing. The product is intended to be applied using a roller.

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 28677 USA
Business Phone: +1 (704) 838-1475
Email: customerservice@speedballart.com

1.4 Emergency telephone number

Emergency Telephone: Contact the local poison control centre.

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	Environmental	Physical
Not classified	Not classified	Not classified

2.2. Label elements

Label Pictogram: None
Signal Word: None
Hazard Statement: None
Precautionary Statement: None
Supplemental Hazard Information: None

2.3. Other hazards

- No other hazards have been identified for this product

Section 3 – Composition / Information on Ingredients

Mixture

Chemical Name	CAS No.	EC No.	% Concentration[a]	GHS Hazards
Carbon black	1333-86-4	215-609-9	up to 15.3764%	H351: Carc 2 (Resp)
Titanium dioxide	13463-67-7	236-675-5	up to 16.8884%	H351: Carc 2 (Resp)
Quartz	14808-60-7	238-878-4	up to 0.5284%	H350: Carc 1 (Resp); H372: STOT RE 1 (Resp Irr)
Talc[b]	14807-96-6	238-877-9	up to 0.3171%	H350: Carc 1A (Resp)
Propylidynetrimethanol	77-99-6	201-074-9	up to 0.1689%	H361: Repr. 2
Styrene acrylic resin solution (HYDRICRYL™ 132)	N/A (proprietary mixture)	N/A (proprietary mixture)	up to 1.8765%	H320: Eye irrit. 2B
Anionic / nonionic surfactant blend[c]	N/A (proprietary mixture)	N/A (proprietary mixture)	up to 1.3704%	H302: Acute Tox. 4 (oral); H315: Skin Irrit. 2; H317: Skin Sens. 1; H318: Eye Dam. 1

[a] Concentrations are calculated as a maximum across all products, rather than by color.

[b] Assessment of the product, was based on the assumption that the talc used in the product contains <0.1% asbestos fibers. If this is not the case, reassessment of the product is required.

[c] The anionic / nonionic surfactant blend is contained within several mixtures included in the product formulation.

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.

It should be noted that the product may contain carbon black (CAS No. 1333-86-4), titanium dioxide (CAS No. 13463-67-7), and quartz (CAS No.14808-60-7), which may be hazardous when inhaled. Given the nature and physical form of the product (*i.e.,* liquid) airborne respirable particles would not likely be released from the product and therefore the hazard is not relevant to the product.

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: 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: 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: Not available.

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.
- 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.

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	DFG MAK
Carbon black	1333-86-4	3 mg/m^3 **I**	3.5 mg/m^3*	3.5 mg/m^3	-
Titanium dioxide	13463-67-7	10 mg/m^3	15 mg/m^3 **		0.3 mg/m^3 **R**
Quartz	14808-60-7	0.025 mg/m^3 **R**	0.05 mg/m^3 ***	0.05 mg/m^3 ***	-
Talc	14807-96-6	2 mg/m^3 **R**	2 mg/m^3*** with <1% quartz	2 mg/m^3 *** with <1% quartz	-

* 0.1 in presence of PAHs
** Total dust
*** Respirable dust

I Measured as Inhalable fraction of the aerosol.
R Measured as respirable fraction of the aerosol.

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:** **Colour:** **Odour/Odour threshold:**	 Liquid see **Section 1.1** Not available	**Partition Coefficient n-octanol/water:** **Auto-ignition temperature:**	 Not available Not available
pH (as supplied):	6 - 9	**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

11.1 Likely routes of exposure: Skin contact.
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. ATE >5000 mg/kg
Acute dermal toxicity:	The product is practically non-toxic based on available animal and human use data. ATE >5000 mg/kg
Acute inhalation toxicity:	The product is practically nontoxic based on available animal and human use data.
Skin corrosion/irritation:	The proprietary mixture, anionic / nonionic surfactant blend, has been classified for skin corrosion; however, product classification is not warranted given a review of available data. The other components >1% of this product are not corrosive to the skin or skin irritants based on human and/or animal studies.
Serious eye damage/irritation:	The proprietary mixture, styrene acrylic resin solution (HYDRICRYL™ 132), has been classified for eye irritation; however, product classification is not warranted given the concentration of styrene acrylic resin solution in final product. The proprietary mixture, anionic / nonionic surfactant blend, has been classified for eye damage; however, product classification is not warranted given a review of available data. The other components of this product >1% are not damaging to the eyes or eye irritants based on human and/or animal studies.

Respiratory or skin sensitization:	The proprietary mixture, anionic / nonionic surfactant blend, has been classified for skin sensitization; however, product classification is not warranted given a review of available data. The other components in this product >0.1% are not sensitizing to the skin based on human and/or animal studies.
Mutagenicity:	The components in the product >0.1% are not mutagenic based on animal studies or no data identified for the components in this product.
Carcinogenicity:	Carbon black (CAS No. 1333-86-4), titanium dioxide (CAS No. 13463-67-7) (airborne, unbound particles of respirable size) has been classified for carcinogenicity (Category 2). Quartz (listed as crystalline silica, airborne, unbound particles of respirable size) (CAS No. 14808-60-7) has been classified for carcinogenicity (Category 1). Classification is not warranted based on a review of available data and the nature of the product (*i.e.,* liquid). The other components in the product >0.1% are not carcinogenic based on animal studies or no data identified for the components in this product.
Reproductive Toxicity:	Propylidynetrimethanol (CAS No. 77-99-6) is classified for reproductive toxicity; however, product classification is not warranted based on the concentration of propylidynetrimethanol present in the final product. The other components in the product >0.1% 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 >1% 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):	Quartz (crystalline silica) (CAS No. 14808-60-7) is classified for specific target organ toxicity (Category 1, may cause respiratory irritation); however, classification is not warranted based on the concentration and a review of available data. The other components in this product >1% are not repeated exposure specific target organ toxicity hazards based on available information, human and/or animal studies.
Aspiration hazard:	The components in the product >1% are not aspiration hazards based on animal studies or no data identified for the components in this product.

References:

ECHA (European Chemicals Agency). 2022. REACH Registered Substances Database. https://echa.europa.eu/search-for-chemicals
IARC (International Agency for Research on Cancer). 2022. Agents Classified by the IARC Monographs, Volumes 1–129. https://monographs.iarc.who.int/list-of-classifications/
NTP (National Toxicology Program). 2022. 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/roc14

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 components of 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.

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 applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es):	Not applicable
14.4 Packing group	Not applicable
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.	CERCLA RQ	CAA112(r) TQ
Ammonia (listed as ammonium hydroxide)	1336-21-6	1,000 lbs	Not applicable
Ethylene glycol	107-21-1	5000 lbs	Not applicable

No other components in this product >0.1% are subject to reporting under CERCLA.

Clean Water Act (CWA): Hexachlorobenzene (CAS No. 118-74-1) and chloromethane (CAS No. 74-87-3) are listed on the as toxic pollutants under the CWA. No other components in this product are listed as under the CWA.

Clean Air Act (CAA): Ethylene oxide (CAS No. 75-21-8), propylene oxide (CAS No. 75-56-9), acetaldehyde (CAS No. 75-07-0), and chloromethane (CAS No. 74 87 3) are listed by the CAA, each with a threshold quantity of 10,000 lbs. Formaldehyde (CAS No. 50-00-0) is listed by the CAA with a threshold quantity of 15,000 lbs. No other components in this product are listed under the CAA.

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

SARA 302 Components: Ammonia (CAS No. 7664-41-7) and formaldehyde (CAS No. 50-00-0) have reporting quantities of 500 lbs in accordance with S.302. Ethylene oxide (CAS No. 75-21-8) has a reporting quantity of 1,000 lbs in accordance with S.302. Chloromethane (CAS No. 74-87-3) and propylene oxide (CAS No. 75-56-9) have reporting quantities of 10,000 lbs in accordance with S.302. No other components in this product are subject to reporting requirements of S.302.

SARA 304 Emergency Release Notification: Ethylene oxide (CAS No. 75-21-8) have reporting quantities of 10 lbs in accordance with S.304. Ammonia (CAS No. 7664-41-7), chloromethane (CAS No. 75-09-2), formaldehyde (CAS No. 50-00-0), and propylene oxide (CAS No. 75-56-9) have a reporting quantity of 100 lbs in accordance with S.304. No other components in this product are subject to reporting requirements of S.304.

SARA 311/312 Hazards: None.

SARA 313 Components: Ammonia (listed as ammonium hydroxide) (CAS No. 1336-21-6), aluminium oxide (CAS No. 1344-28-1), ethylene glycol (CAS No. 107-21-1), ethylene oxide (CAS No. 75-21-8), hexachlorobenzene (CAS No. 118-74-1), acetaldehyde (CAS No. 75-07-0), 1,4-dioxane (CAS No. 123-91-1), formaldehyde (CAS No. 50-00-0), 3-iodo-2-propynyl butyl carbamate (CAS No. 55406-53-6), methanol (CAS No. 67-56-1),

methyl iso-butyl ketone (MIBK) (CAS No. 108-10-1), and propylene oxide (CAS No. 75-56-9) are subject to reporting requirements of S.313. No other components in this product are subject to reporting requirements of S.313.

Toxic Substances Control Act (TSCA): 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 honey (CAS No. 8028-66-8) are not listed on the TSCA inventory. All other components are listed on the non-confidential TSCA inventory or are exempt.

State Regulations:

California Candidate Chemicals List: Octylphenol ethoxylate (CAS No. 9002-93-1), ethylene oxide (CAS No. 75-21-8), carbon black (CAS No. 1333-86-4), titanium dioxide (CAS No. 13463-67-7), proplidynetrimethanol (CAS No. 77-99-6), 2-butoxyethanol (CAS No. 111-76-2), 2,4,7,9-tetramethyldec-5-yne-4,7-diol (CAS No. 126-86-3), methyl iso-butyl ketone (MIBK) (CAS No. 108-10-1), ethylene glycol (CAS No. 107-21-1), methyl ethyl ketoxime (CAS No. 96-29-7), quartz (CAS No. 14808-60-7), formaldehyde (CAS No. 50-00-0), acetaldehyde (CAS No. 75-07-0), hexachlorobenzene (CAS No. 118-74-1), 1,4-dioxane (CAS No. 123-91-1), propylene oxide (CAS No. 75-56-9), methanol (CAS No. 67-56-1), and chloromethane (CAS No. 75-09-2) are listed on California's Candidate Chemicals List.

California Proposition 65 List: Titanium dioxide (CAS No. 13463-67-7), carbon black (CAS No. 1333-86-4), airborne particles of respirable size, and quartz (CAS No. 14808-60-7) [listed as silica, crystalline (airborne particles of respirable size)] are listed on the Proposition 65 List; 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 silica, crystalline and titanium dioxide are not relevant for the product. Talc (CAS No. 14807-96-6) is listed on the Proposition 65 List; however, given the assumption that the talc used in the product contains <0.1% asbestos fibers and the concentration of talc present in the product, labelling requirements of Proposition 65 do not apply. Formaldehyde (CAS No. 50-00-0), methanol (CAS No. 67-56-1), 1,4-dioxane (CAS No. 123-91-1), ethylene oxide (CAS No. 75-21-8), propylene oxide (CAS No. 75-56-9), ethylene glycol (CAS No. 107-21-1), acetaldehyde (CAS No. 75-07-0), hexachlorobenzene (CAS No. 118-74-1), MIBK [listed as methyl isobutyl ketone (CAS No. 108-10-1)], and chloromethane [listed as methyl chloride (CAS No. 74-87-3)] are listed on the Proposition 65 List. A screening assessment indicates that the trace levels of these constituents are not expected to be a cause for concern or require warnings as per California Proposition 65. No other components in this product are listed on the Proposition 65 List.

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: Chloromethane (CAS No. 75-09-2) and formaldehyde (CAS No. 50-00-0) is listed on the Toxic or Hazardous Substance List. No other components in this product are listed on the Toxic or Hazardous Substance List.

Minnesota Chemicals of High Concern List and Priority List: Carbon black (CAS No. 1333-86-4), titanium dioxide (CAS No. 13463-67-7), proplidynetrimethanol (CAS No. 77-99-6), 2-butoxyethanol (CAS No. 111-76-2), 2,4,7,9-tetramethyldec-5-yne-4,7-diol (CAS No. 126-86-3), ethylene glycol (CAS No. 107-21-1), 2,4,7,9-tetramethyldec-5-yne-4,7-diol (CAS No. 126-86-3), quartz (CAS No. 14808-60-7), formaldehyde (CAS No. 50-00-0), acetaldehyde (CAS No. 75-07-0), ethylene oxide (CAS No. 75-21-8), hexachlorobenzene (CAS No. 118-74-1), 1,4-dioxane (CAS No. 123-91-1), propylene oxide (CAS No. 75-56-9), methanol (CAS No. 67-56-1), chloromethane (CAS No. 75-09-2), and methyl iso-butyl ketone (MIBK) (CAS No. 108-10-1) are listed on the Chemicals of High Concern and Priority list. No other components in this product are listed on the Chemicals of High Concern and Priority list.

New Jersey Right to Know Hazardous Substance List: Glycerine (CAS No. 56-81-5), propylene glycol (CAS No. 57-55-6), calcium carbonate (CAS No. 1317-65-3), ethylene oxide (CAS No. 75-21-8), carbon black (CAS No. 1333-86-4), ammonium hydroxide (CAS No. 1336-21-6), titanium dioxide (CAS No. 13463-67-7), aluminium oxide (CAS No. 1344-28-1), 2-butoxyethanol (CAS No. 111-76-2), 2,4,7,9-tetramethyldec-5-yne-4,7-diol (CAS No. 126-86-3), 3-iodo-2-propynyl butyl carbamate (CAS No. 55406-53-6), methyl iso-butyl ketone (MIBK) (CAS No. 108-10-1), ethylene glycol (CAS No. 107-21-1), red iron oxide (CAS No. 1309-37-1), quartz (CAS No. 14808-60-7), barium sulfate (CAS No. 7727-43-7), talc (CAS No. 14807-96-6), 2-amino-2-methyl-1-propanol (CAS No. 124-68-5), formaldehyde (CAS No. 50-00-0), acetaldehyde (CAS No. 75-07-0), ethylene oxide (CAS No. 75-21-8), hexachlorobenzene (CAS No. 118-74-1), 1,4-dioxane (CAS No. 123-91-1), and propylene oxide (CAS No. 75-56-9) are listed on the Right to Know Hazardous Substance List. No other components present at >0.1% in the product are listed on the Right to Know Hazardous Substance List.

Pennsylvania Hazardous Substance List: Glycerine (CAS No. 56-81-5), propylene glycol (CAS No. 57-55-6), calcium carbonate (CAS No. 1317-65-3), ethylene oxide (CAS No. 75-21-8), carbon black (CAS No. 1333-86-4), ammonium hydroxide (CAS No. 1336-21-6), titanium dioxide (CAS No. 13463-67-7), aluminium oxide (CAS No. 1344-28-1), butoxyethanol (CAS No. 111-76-2), 2,4,7,9-tetramethyldec-5-yne-4,7-diol (CAS No. 126-86-3), methyl iso-butyl ketone (MIBK) (CAS No. 108-10-1), ethylene glycol (CAS No. 107-21-1), red iron oxide (CAS No. 1309-37-1), quartz (CAS No. 14808-60-7), barium sulfate (CAS No. 7727-43-7), talc (CAS No. 14807-96-6), sodium sulfate (CAS No. 7757-82-6), 2-amino-2-methyl-1-propanol (CAS No. 124-68-5), formaldehyde (CAS No. 50-00-0), acetaldehyde (CAS No. 75-07-0), ethylene oxide (CAS No. 75-21-8), hexachlorobenzene (CAS No. 118-74-1), 1,4-dioxane (CAS No. 123-91-1), and propylene oxide (CAS No. 75-56-9) are listed on the Hazardous Substance List. No other components 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: Formaldehyde (CAS No.50-00-0), quartz (particles of respirable size) (CAS No.14808-60-7), and ethylene oxide (CAS No.75-21-8) are listed as Group 1, carcinogenic to humans. Chloromethane (CAS No. 75-09-2) is listed as Group 2A, probably carcinogenic to humans. Titanium dioxide (CAS No. 13463-67-7), carbon black (CAS No. 1333-86-4), talc (not containing asbestos fibres) (CAS No. 14807-96-6), acetaldehyde (CAS No. 75-07-0), 1,4-dioxane (CAS No. 123-91-1), propylene oxide (CAS No. 75-56-9), and hexachlorobenzene (CAS No. 118-74-1) are listed as Group 2B, possibly carcinogenic to humans. Red iron oxide (CAS No.1309-37-1), 2-butoxyethanol (CAS No. 111-76-2), and talc not containing asbestos or asbestiform fibers (CAS No. 14807-96-6), are classified as Group 3, not classifiable as to its carcinogenicity to humans. No other 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 Hygenists	NIOSH: National Institute for Occupational Safety & Health
ATE: Acute Toxicity Estimate	OSHA: Occupational Safety and Health Administration
CAA: Clean Air Act	PBT: Persistent, Bioaccumulative and Toxic
CAS: Chemical Abstract Service Number	PEL: Permissible Exposure Level
CERCLA: Comprehensive Environmental Response and Liability Act	PPE: Personal Protective Equipment
CWA: Clean Water Act	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
DFG MAK: Deutsche Forschungsgemeinschaf Maximale Arbeitsplatz-Konzentration	REL: Recommended exposure level
EC: European Commission	SARA: Superfund Amendment and Reauthorization Act
ECHA: European Chemicals Agency	SDS: Safety Data Sheet
GHS: Global Harmonized System	TLV: Threshold limit value
HEPA: High Efficiency Particulate Air	TSCA: Toxic Substances Control Act
IARC: International Agency for Research on Cancer	TWA: Time-weighted average
IBC: International Bulk Chemical	UN: United Nations
MARPOL: Maritime Pollution	vPvB: very Persistent, very Bioaccumulative

References:

ECHA (European Chemicals Agency). 2022. REACH Registered Substances Database. https://echa.europa.eu/search-for-chemicals
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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.
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