

00418-XXXX

Grumbacher Academy Oil Paints

SAFETY DATA SHEET (SDS)

Version: 01

Date of Issue: July 05, 2023

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS) 9th Revision, 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: Grumbacher Academy Oil Paints

Product Colors: Alizarin Crimson (T001), Burnt Sienna (T023), Burnt Umber (T024), Cerulean Blue Hue (T039), Chromium Oxide Green (T048), Cobalt Violet Hue (T053), Dioxazine Purple (T061), Pale Pink (T071), French Ultramarine Blue (T076), Thalo Gold (T079), Italian Gold Ochre (T080), Grumbacher Red (T095), Ivory Black (T115), Lamp Black (T116), Lemon Yellow (T118), Naples Yellow Hue (T146), Payne's Gray (T156), Permanent Green Light (T162), Prussian Blue (T168), Raw Sienna (T171), Raw Umber (T172), Sap Green (T187), Thalo Silver (T195), Thalo Blue (T203), Thalo Green (Blue Shade) (T205), Thalo Red Rose (T208), Thalo Yellow Green (T210), Thio Violet (Magenta) (T211), Titanium White (T212), Unbleached Titanium White (T218), Van Dyke Brown (T222), Venetian Red (T223), Viridian Hue (T232), Yellow Ochre (T244), Zinc White (T248), Titanium White Soft (T250), Cadmium Orange Hue (T310), Cadmium Red Light Hue (T312), Cadmium Red Medium Hue (T313), Cadmium Red Deep Hue (T314)

Product Sizes: 37 mL, 150 mL

Other Means of Identification: None known

Product Description: Colored liquid oil paint formulations intended to be applied using a brush.

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: Chartpak, Inc.
1 River Rd
Leeds, MA 01053

Business Phone: 800-628-1910

Email: Not provided

1.4 Emergency telephone number

Emergency Telephone: 800-222-1222.

Section 2 – Hazard(s) Identification

2.1. Classification of the substance or mixture

According to: GHS 9th Revision, and OSHA Hazard Communication Standard 29 CFR 1910.1200(g) Rev. 2012:

Physical	Health	Environmental
Not classified	H371: Specific target organ toxicity (single exposure, Category 2, gastrointestinal tract) ^{b, c}	H400: Hazardous to the aquatic environment - short term (acute) hazard (Category 1) ^{a, b} H410: Hazardous to the aquatic environment - long term (chronic) hazard (Category 1) ^{a, b}
		H401: Hazardous to the aquatic environment - short term (acute) hazard (Category 2) ^{a, c} H411: Hazardous to the aquatic environment - long term (chronic) hazard (Category 2) ^{a, c}

^a Environmental hazards are outside the scope of OSHA; therefore, product classification for acute and chronic aquatic toxicity (Category 1) are not mandatory.

^b Classifications only apply to the colors, Pale Pink (T071), Unbleached Titanium White (T218), Zinc White (T248).

^c Classifications only apply to the colors, T212 Titanium White (T212), Titanium White Soft (T250).

2.2. Label elements



Label Pictogram:

Signal Word: Warning

Hazard statements & Precautions:

Specific target organ toxicity (single exposure, Category 2, gastrointestinal tract) (H371)^{b, c}

May cause irritation to gastrointestinal tract through oral exposure.

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.

Acute aquatic toxicity (Category 1) (H400)^{a, b}

Very toxic to aquatic life with long lasting effects.

P273: Avoid release to the environment.

Chronic aquatic toxicity (Category 1) (H410)^{a, b}

P391: Collect spillage.

P501: Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

Acute aquatic toxicity (Category 2) (H401)^{a, c}

Toxic to aquatic life with long lasting effects.

P273: Avoid release to the environment.

Chronic aquatic toxicity (Category 2) (H411)^{a, c}

P391: Collect spillage.

P501: Dispose of contents/container in accordance with local, regional, national, and/or international regulation.

^a Environmental hazards are outside the scope of OSHA; therefore, product classification for acute and chronic aquatic toxicity (Category 1) are not mandatory.

^b Classifications only apply to the colors, Pale Pink (T071), Unbleached Titanium White (T218), Zinc White (T248).

^c Classifications only apply to the colors, T212 Titanium White (T212), Titanium White Soft (T250).

2.3. Other hazards

- No other hazards have been identified for this product.

Section 3 – Composition / Information on Ingredients

3.1 Substances

The product is a mixture and not a substance.

3.2 Mixtures

Chemical Name	CAS No.	EC No.	% Concentration ^a	GHS Hazards
Zinc oxide	1314-13-2	215-222-5	up to 72.11%	H371: Specific target organ toxicity (single exposure, Category 2, gastrointestinal tract); H401: Acute aquatic toxicity (Category 1); H411: Chronic aquatic toxicity (Category 1)
Titanium dioxide	13463-67-7	236-675-5	up to 39.77%	H351: Carcinogenicity (Category 2) (Inhalation)
Crystalline silica, quartz	14808-60-7	238-878-4	up to 1.996%	H350: Carcinogenicity (Category 1) (Inhalation); H372: Specific target organ toxicity (repeated exposure, Category 1, lungs)
Carbon black	1333-86-4	215-609-9	up to 27.32%	H351: Carcinogenicity (Category 2) (Inhalation)
Zinc sulphide	1314-98-3	215-251-3	up to 4.53%	H371: Specific target organ toxicity (single exposure, Category 2, gastrointestinal tract)
Quino(2,3-b)acridine-6,7,13,14(5H,12H)-tetrone	1503-48-6	216-125-0	up to 2.68%	H317: Skin sensitization (Category 1B)
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes	68511-62-6	270-944-8	up to 2.15%	H350: Carcinogenicity (Category 1A) (Inhalation); H319: Serious eye irritation (Category 2)
Melamine	108-78-1	203-615-4	up to 2.15%	H351: Carcinogenicity (Category 2); H373: Specific target organ toxicity (repeated exposure, Category 2, urinary tract)
Benzenesulfonic acid, dodecyl-, branched, compds. with 2-propanamine	90218-35-2	290-709-3	up to 0.809%	H315: Skin irritation (Category 2); H318: Eye damage (Category 1); H412: Chronic aquatic toxicity (Category 3)
Aliphatic petroleum distillates	64742-48-9	64742-48-9	up to 0.248%	H304: Aspiration toxicity (Category 1); H350: Carcinogenicity (Category 1B); H340: Germ cell Mutagenicity (Category 1B)

^a Concentrations are calculated as a maximum across all products, 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.

Assessment of aliphatic petroleum distillates (CAS No. 64742-48-9) was based on the assumption that this chemical used in the product formulation is "highly refined" and contains <0.1% benzene. If this is not the case, reassessment of the product is required.

It should be noted that the product may contain crystalline silica (CAS No.14808-60-7), titanium dioxide (CAS No. 13463-67-7), or carbon black (CAS No. 1333-86-4) 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: 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: 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

- When using do not eat, drink or smoke. Wear appropriate personal protective equipment. Keep containers closed and locked away in a well-ventilated space when not in use. Wash 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 MAKs TWA
Zinc oxide	1314-13-2	2 mg/m ³ R	15 mg/m ³ ^c 5 mg/m ³ ^d	5 mg/m ³ (dust only)	0.1 mg/m ³ R
Titanium dioxide	13463-67-7	Nanoscale particles : 0.2 mg/m ³ R Finescale particles : 2.5 mg/m ³ R	15 mg/m ³ *	-	0.3 mg/m ³ R
Crystalline silica, quartz	14808-60-7	0.025 mg/m ³ R	0.05 mg/m ³	0.05 mg/m ³	N/A
Carbon black	1333-86-4	3.5 mg/m ³ (inhalable particulate matter)	3.5 mg/m ³	3.5 mg/m ³	-
^a Total dust ^b Respirable fraction ^c Total	^d Respirable R Measured as respirable fraction of the aerosol				

8.2 Exposure Controls:

Appropriate engineering controls

- Hand washing stations should be available in the immediate vicinity of any potential exposure. 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 Oil Paint	Partition Coefficient n-octanol/water:	Not available
Colour:	See Section 1.1	Auto-ignition temperature:	Not available
Odour/Odour threshold:	Not available	Decomposition temperature:	Not available
pH (as supplied):	Not available	Dynamic viscosity:	Not available
Melting/freezing point:	Not available	Molecular weight:	Not available
Boiling point and boiling range:	Not available	Taste:	Not available
Flash point:	Not applicable	Explosive properties:	Not available
Evaporation rate:	Not available	Oxidizing properties:	Not available
Flammability:	Not applicable	Surface tension:	Not available
Upper/lower explosive limits:	Not available	Volatile component:	Not available
Vapor pressure:	Not available	Gas group:	Not available
Water solubility:	Not available	pH (as solution):	Not available
Vapor density (Air = 1):	Not available	VOC:	Not available
Specific gravity (Water = 1):	Not available	Particle size range:	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 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 Information on hazard classes**

Likely routes of exposure: Skin contact.

Potential signs and symptoms:

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 nontoxic based on available animal and human use data.
Skin corrosion/irritation:	The 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:	Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes (CAS No. 68511-62-6) is classified for eye irritation (Category 2). Product classification is not warranted given a review of the available data. The other components of this product >1% are not damaging to the eyes or eye irritants based on available human and/or animal studies.
Respiratory or skin sensitization:	Quino(2,3-b)acridine-6,7,13,14(5H,12H)-tetrone (CAS No. 1503-48-6) has been classified for skin sensitization (Category 1B). Product classification is not warranted given a review of the available data. The other components in this product are not sensitizing to the skin based on human and/or animal studies.
Mutagenicity:	Aliphatic petroleum distillates (CAS No. 64742-48-9) is classified for mutagenicity (Category 1B). Product classification is not warranted given the concentration in the product and a review of the available data. The other components in the product >0.1% are not mutagenic based on animal studies or no data identified for the components in this product.
Carcinogenicity:	Titanium dioxide (CAS No. 13463-67-7), carbon black (CAS No. 1333-86-4), and melamine (CAS No. 108-78-1) have been classified for carcinogenicity (Category 2). Crystalline silica, quartz (CAS No. 14808-60-7) has been classified for carcinogenicity (Category 1). Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes (CAS No. 68511-62-6) is classified for carcinogenicity (Category 1A). Product classification is not warranted based on a review of available data and the nature/physical form of the product (<i>i.e.</i> , liquid). Aliphatic petroleum distillates (CAS No. 64742-48-9) is classified for carcinogenicity (Category 1B). Product classification is not warranted given a review of the available data. Titanium dioxide, carbon black, nickel compounds, melamine, and crystalline silica [listed as silica dust, crystalline, in the form of quartz or cristobalite (CAS No. 14808-60-7)] are listed as carcinogens by NTP and ACGIH. 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:	The 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):	Zinc oxide (CAS No. 1314-13-2) and zinc sulphide (CAS No. 1314-98-3) have been classified for specific target organ toxicity (single exposure, Category 2; may cause irritation to the gastrointestinal tract through oral exposure). The other 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):

Crystalline silica (CAS No. 14808-60-7) is classified for specific target organ toxicity (repeated exposure, Category 1; causes damage to lungs through prolonged or repeated exposure via inhalation); however, classification is not warranted based on a review of available data and the nature of the product (*i.e.*, liquid). Melamine (CAS No. 108-78-1) is classified for specific target organ toxicity (repeated exposure, Category 2; may cause damage to urinary tract through prolonged or repeated exposure). Product classification is not warranted given the concentration in the product and a review of the 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). 2023. REACH Registered Substances Database. <https://echa.europa.eu/search-for-chemicals>
 IARC (International Agency for Research on Cancer). 2023. Agents Classified by the IARC Monographs, Volumes 1–129. <https://monographs.iarc.who.int/list-of-classifications/>
 NTP (National Toxicology Program). 2023. Report on Carcinogens, Fifteenth Edition.; Research Triangle Park, NC: Official Journal of the European Union. 2008. Regulation (EC) No 1272/2008. <http://data.europa.eu/eli/reg/2008/1272/2022-03-01>
 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

- Environmental hazards are outside the scope of OSHA; therefore, product classification for acute and chronic aquatic toxicity (Category 1 and Category 2) is not mandatory.

Chemical Name	CAS No.	Species	Value
Zinc oxide	1314-13-2	<i>Danio rerio</i>	LC ₅₀ (96h): 1.793 mg/L (bulk ZnO) nominal EC ₅₀ (84h): 2.066 mg/L (bulk ZnO) nominal
		<i>Danio rerio</i>	NOEC (32d): ≥540 µg/L nominal
		<i>Daphnia magna</i>	EC ₅₀ (48h): >1.4 - <2.5 mg/L nominal
		<i>Daphnia magna</i>	EC ₁₀ (21d): 127 µg/L nominal EC ₁₀ (21d): 195 µg/L nominal

12.2 Persistence and degradability

- No data available for the other 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 Endocrine disrupting properties

- This product is not expected to be endocrine disrupting.

12.7 Other adverse effects

- No further data available.

References:

ECHA (European Chemicals Agency). 2023. REACH Registered Substances Database. <https://echa.europa.eu/search-for-chemicals>

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

14.1 UN number	3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, PAINT RELATED MATERIAL
14.3 Transport hazard class(es):	9
14.4 Packing group	III
14.5 Environmental hazards	Acute, Chronic
14.6 Special precautions for user	274, 335, 601
14.7 Maritime transport in bulk according to IMO instruments	No additional information available

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 components in this product >0.1% are subject to reporting under CERCLA.

Clean Water Act (CWA): Cadmium compounds, zinc compounds, and nickel compounds are listed by the CWA as toxic pollutants. No other components 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 components 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 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: No components in this product are subject to reporting requirements of S.311/312.

SARA 313 Components: Hexachlorobenzene (CAS No. 118-74-1), nickel compounds, and 1,4-dioxane (CAS No. 123-91-1), and ethylene oxide (CAS No. 75-21-8) 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): All components are listed on the non-confidential TSCA inventory or are exempt.

State Regulations:

California Proposition 65 List: Crystalline silica (CAS No. 14808-60-7) [listed as silica, crystalline (airborne particles of respirable size)], titanium dioxide (CAS No. 13463 67 7), carbon black (CAS No. 1333-86-4) (airborne particles of respirable size), nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes (CAS No. 68511-62-6) (listed as nickel compounds), chromic oxide (listed as chromium), hexachlorobenzene (CAS No. 118-74-1), 1,4-dioxane (CAS No. 123-91-1) and ethylene oxide (CAS No. 75-21-8) are listed on the Proposition 65 List. The product may also contain trace levels of cobalt, arsenic, cadmium, lead, mercury, and selenium sulfide, which are listed on the Proposition 65 List. 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, titanium dioxide, carbon black, cobalt, nickel, lead, and mercury are not relevant for the product. A screening assessment indicates that the level of chromic oxide, hexachlorobenzene, 1,4-dioxane and ethylene oxide in the product does not warrant a warning for the purpose of California Proposition 65. No other components in this product are listed on the Proposition 65 List.

International:

IARC: Crystalline silica [listed as silica dust, crystalline, in the form of quartz or cristobalite (CAS No. 14808-60-7)] and ethylene oxide (CAS No. 75-21-8) are listed as Group 1, carcinogenic to humans. Titanium dioxide (CAS No. 13463-67-7), carbon black (CAS No. 1333-86-4), nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes (CAS No. 68511-62-6) (listed as metallic nickel), melamine (CAS No. 108-78-1), hexachlorobenzene (CAS No. 118-74-1), and 1,4-dioxane (CAS No. 123-91-1) are listed as Group 2B, possibly carcinogenic 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.

Section 16 – Other Information

The product, *Grumbacher Academy Oil Paints [Pale Pink (T071), Unbleached Titanium White (T218), Zinc White (T248), T212 Titanium White (T212), Titanium White Soft (T250)]*, must be properly labeled for known health risk (i.e., gastrointestinal irritation) and should reflect the ACMI CL Seal. The remaining colors are considered safe and 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
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 Forschungsgemeinschaft Maximale Arbeitsplatzkonzentration	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
IARC: International Agency for Research on Cancer	TSCA: Toxic Substances Control Act
IBC: International Bulk Chemical	TWA: Time-weighted average
IMO: International Maritime Organization	UN: United Nations
MARPOL: Maritime Pollution	VOC: Volatile Organic Compound
N/A: Not applicable	vPvB: very Persistent, very Bioaccumulative

References:

ECHA (European Chemicals Agency). 2023. REACH Registered Substances Database.

<https://echa.europa.eu/search-for-chemicals>

IARC (International Agency for Research on Cancer). 2023. Agents Classified by the IARC Monographs, Volumes 1–129. <https://monographs.iarc.who.int/list-of-classifications/>

NTP (National Toxicology Program). 2023. 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>

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: July 5, 2023