FUNDAMENTALS UNDERGLAZES

SAFETY DATA SHEET (SDS)

Version: 02
Date of Issue: March 09, 2026

According to: Regulation (EC) No. 1272/2008
Regulation (EC) No. 1907/2006
Regulation UK SI 2019/758
Regulation UK SI 2020/1577

This SDS was developed in accordance with regulations applicable to handling materials in an industrial / workplace setting. The information presented in this document may not be relevant to consumer use. Safety information pertaining to consumer use is provided on the product label and Section 16 of this SDS.

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

1.1 Product identifier

Product Name: Fundamentals Underglazes

Product Colors: Kings Blue (UG001), Sea Blue (UG002), Baby Blue (UG003), Crimson (UG010), Electra Blue (UG019), Leaf Green (UG021), Spring Green (UG022), Sand (UG030), Chocolate (UG031), Cocoa (UG032), Chestnut Brown (UG034), Bright Yellow (UG046), Jet Black (UG050), China White (UG051), Silver Grey (UG053), Spice Brown (UG057), Harvest Gold (UG058), Ivory (UG067), Apple Green (UG068), Wedgewood Blue (UG072), Tucson Turquoise (UG082), Orange Sorbet (UG085), Regal Purple (UG087), Green Mist (UG090), True Teal (UG091), Lilac (UG092), Wild Violet (UG093), Pansy Purple (UG094), Bright Blue (UG097), Pink Pink (UG146), Dark Grey (UG198), Squash Yellow (UG203), Orange (UG204), Fire Engine Red (UG206), Flame Red (UG207), Dragon Red (UG208), Jade (UG209), Forest Green (UG210), Cinnamon (UG213), Blush (UG215), Peach (UG216), Red Coral (UG217), Pear Green (UG218), Marine Blue (UG219), Sage (UG220), Cement (UG221), Soft Yellow (UG222), Apricot (UG223),Rose (UG224), Plum (UG225), Lavender (UG226), Concord Grape (UG227), Midnight Blue (UG228), Aquamarine (UG229), Blue Grass (UG230), Lime Green (UG231), Olive (UG232), Eucalyptus (UG233), Ivory Pearl (UG234), Oatmeal (UG235), Grey (UG236)

Product sizes: 4 oz, 16 oz, 128 oz

Other Means of Identification:
Unique Formula Identifier: Not required as the product does not pose human health concerns.
Other: None known

Product Description: Colored liquid glaze formulations intended to be applied using a brush and 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 and children) arts and crafts purposes.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Coloramics, LLC, DBA Mayco Colors
4077 Weaver Court South
Hilliard, OH 43026 USA
Business Phone: +1 614-675-2020
Email: info@maycocolors.com

EU Authorised Rep: AUTHORISED REP COMPLIANCE LTD
Ground Floor, 71 Lower Baggot Street
Dublin D02 P593 Ireland

1.4 Emergency telephone number

Emergency Telephone: Contact the local poison control centre.
Transportation Emergency: CHEMTREC 1-703-527-3887

Section 2 – Hazard(s) Identification

2.1 Classification of the substance or mixture

According to: Regulation (EC) No. 1272/2008 [CLP]; Regulation (EC) No 1272/2008 [CLP] as amended by GB-CLP Regulations UK SI 2019/720 and UK SI 2020/1567

	Health	Environment	Physical
Classification:	Not classified	Chronic aquatic toxicity (Category 3) (H412)	Not classified
SCL and/or M-factor	Not applicable	Not applicable	Not applicable
Classification Procedure	Weight of evidence	Weight of evidence	Weight of evidence

[a] Aquatic toxicity classification only applies to the colors, Chocolate (UG031), Chestnut Brown (UG034), Spice Brown (UG057), and Cement (UG221).

2.2 Label elements

Label Pictogram: None required
Signal Word: None required
Hazard statements & Precautions:

Colors: Chocolate (UG031), Chestnut Brown (UG034), Spice Brown (UG057), and Cement (UG221)

Chronic aquatic toxicity (Category 3) (H412)	**Harmful to aquatic life with long lasting effects.** **P273**: Avoid release to the environment. **P501**: Dispose of contents/container in accordance with local, regional, national, and/or international regulation.

Colors: All

Supplemental Hazard Information:

EUH208: Contains benzisothiazol-3(2H)-one. May produce an allergic reaction.

2.3. Other hazards

- The product is not expected to be an endocrine disruptor.
- The product is not expected to meet vPvB or PBT criteria in accordance with Regulation (EC) No. 1907/2006, Annex XIII.
- 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 Mixture

Chemical Name	CAS No.	EC No.	% By Weight [a]	GHS Hazards
Zinc pyrithione	13463-41-7	13463-41-7	up to 0.010%	H360D: Reproductive toxicity (Category 1B) (May damage the unborn child); H330: Acute toxicity – inhalation (Category 2); H301: Acute toxicity - oral (Category 3); H372: Specific target organ toxicity (repeated exposure, Category 1); H318: Eye damage (Category 1); H400: Acute aquatic toxicity (Category 1); H410: Chronic aquatic toxicity (Category 1)
Zinc oxide	1314-13-2	215-222-5	up to 1.70%	H371: Specific target organ toxicity (single exposure, Category 2, gastrointestinal tract) H400: Acute aquatic toxicity (Category 1) H410: Chronic aquatic toxicity (Category 1)
Crystalline silica	14808-60-7	238-878-4	up to 0.28%	H350: Carcinogenicity (Category 1A) (inhalation); H372: Specific target organ toxicity (repeated exposure, Category 1, lungs)

[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.

The product may contain crystalline silica (CAS No.14808-60-7) which may be hazardous when inhaled. Given the nature/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.

Assessment of this product was based on the assumption that the glaze will not be sanded after it has been fired in the kiln.

	Specific Concentration Limit	Multiplying-Factor	Acute Toxicity Estimate
Fundamentals Underglazes	N/A	N/A	>2000 mg/kg (oral/dermal) >20 mg/L (Inhalation)

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, water spray, 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: Evacuate personnel to safe areas.

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

- Do not breathe mist/vapour/spray.
- Wash hands thoroughly after handling.
- Avoid generating dust.
- 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.	European Union	United Kingdom.	Germany	France	The Netherlands
Zinc oxide	1314-13-2	N/A	TWA: 5 mg/m³ STEL: 10 mg/m³	TWA: 0.1 mg/m³ R (DFG MAK)	TWA: 5 mg/m³	N/A
Crystalline silica	14808-60-7	N/A	TWA: 0.1 mg/m³ [a] (EH40)	TWA: 0.05 mg/m³ [a] (AGS) STEL: 0.4 mg/m³ [a, b]	TWA: 0.1 mg/m³ [a]	TWA: 0.075 mg/m³ [a]
N/A – Not applicable [a] Respirable fraction				[b] 15 minutes average value		

8.2 Exposure Controls:

8.2.1 Appropriate engineering controls

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

8.2.2 Personal Protective Equipment

Note: For consumer use, follow product label directions and warnings when using this product. For industrial use, consider the concentration and amount of product at the workplace when selecting PPE. Use protective equipment as required.

Respiratory: Under normal conditions of use (brush application), respirator is not usually required. Use appropriate respiratory protection if exposure to dust particles, mist or vapours is likely. Do not spray apply without personal protective equipment. 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.

Body/Skin: 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. Keep work area neat and container tightly closed when not in use. Wash hands after handling / before eating, drinking or smoking.

8.2.3 Environmental exposure control

- Avoid release to the environment. Refer to Section **6.2 - Environmental precautions** and **Section 13** - **Disposal Considerations** for further information.

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:**	Not available
Melting/freezing point:	Not available	**pH (as supplied):**	8 - 9
Boiling point and boiling range:	Not available	**Solubility:**	Not available
Flammability:	Not available	**Kinematic viscosity:**	Not available
Upper/lower explosive limits:	Not available	**Vapour pressure:**	Not available
Flash point:	Not applicable	**Density:**	Not available
Auto-ignition temperature:	Not available	**Relative vapour density**	Not available
Decomposition temperature:	Not available	**Particle characteristics:**	Not available

9.2.1 Information with Regard to Physical Hazard Classes

Explosives	Not available
Flammable gases	Not available
Aerosols	Not available
Oxidising gases	Not available
Gases under pressure	Not available
Flammable liquids	Not available
Flammable solids	Not available
Self-reactive substances and mixtures	Not available
Pyrophoric liquids	Not available
Pyrophoric solids	Not available
Self-heating substances and mixtures	Not available
Substances and mixtures, which emit flammable gases in contact with water	Not available
Oxidising liquids	Not available
Oxidizing solids	Not available
Organic peroxides	Not available
Corrosive to metals	Not available
Desensitised explosives	Not available

9.2.2 Other Safety Characteristics

Mechanical sensitivity	Not available
Self-accelerating polymerisation temperature	Not available
Formation of explosible dust/air mixtures	Not available
Acid/alkaline reserve; (e) evaporation rate	Not available
Miscibility	Not available
Conductivity	Not available
Corrosiveness	Not available
Gas group	Not available
Redox potential	Not available
Radical formation potential	Not available
Photocatalytic properties	Not 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

- None known

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 vapours or fumes may form if product is involved in fire.

Section 11 – Toxicological Information

11.1. Information on hazard classes:

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

Acute oral toxicity:	Zinc pyrithione (CAS No. 13463-41-7) has been classified for acute oral toxicity (Category 3); however, the product is practically nontoxic based on available animal and human use data. The oral ATE for the whole product is >2000 mg/kg.
Acute dermal toxicity:	The product is practically non-toxic based on available animal and human use data. The dermal ATE for the whole product is >2000 mg/kg.
Acute inhalation toxicity:	Zinc pyrithione (CAS No. 13463-41-7) has been classified for acute inhalation toxicity (Category 2); however, the product is practically non-toxic based on available animal, human use data, and the nature/physical form of the product (*i.e.*, liquid glaze). The inhalation ATE for the whole product is >20 mg/L (vapours).
Skin corrosion/irritation:	The ingredients >1% of this product are not corrosive to the skin or skin irritants based on available information, human and/or animal studies.
Serious eye damage/irritation:	Zinc pyrithione (CAS No. 13463-41-7) has been classified for eye damage (Category 1). Product classification is not warranted for eye effects based on the concentration of zinc pyrithione in the product. The other ingredients >1%of this product are not damaging to the eyes or eye irritants based on available information, human and/or animal studies.
Respiratory or skin sensitization:	The ingredients >0.1% in this product are not respiratory or skin sensitizers based on available information, human and/or animal studies.
Mutagenicity:	The ingredients >0.1% in the product are not mutagenic based on human and/or animal studies and with respect to the IARC, NTP, and ACGIH.

Carcinogenicity:	Crystalline silica (airborne, unbound particles of respirable size) (CAS No. 14808-60-7) has been classified for carcinogenicity (Category 1). Crystalline silica is also listed as a carcinogen by IARC (Group 1), 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). It was assumed that the glaze will not be sanded after it has been fired in the kiln. The other ingredients in the product >0.1% are not carcinogenic based on human and/or animal studies and with respect to the IARC, NTP, and ACGIH.
Reproductive Toxicity:	Zinc pyrithione (CAS No. 13463-41-7) has been classified for reproductive toxicity (Category 1B; may damage fertility or the unborn child). Product classification is not warranted for reproductive toxicity given the concentration of zinc pyrithione in the product. The other ingredients in the product >0.1% are not reproductive toxicants based on available information, human and/or animal studies.
Specific target organ toxicity (single exposure):	Zinc oxide (CAS No. 1314-13-2) has been classified for specific target organ toxicity (single exposure, Category 2; may cause irritation to the gastrointestinal tract through oral exposure). Product classification is not warranted for gastrointestinal irritation based on the concentration of zinc oxide present in the product. The other ingredients in the product >1% are not specific target organ toxicity (single exposure) hazards based on available information, human and/or animal studies.
Specific target organ toxicity (repeated exposure):	Crystalline silica (CAS No. 14808-60-7) has been classified for specific target organ toxicity (repeated exposure, Category 1; causes damage to lungs through prolonged or repeated exposure *via* inhalation). Product classification is not warranted for specific target organ toxicity given the nature/physical form of the product (*i.e.*, liquid glaze). Zinc pyrithione (CAS No. 13463-41-7) has 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 given the concentration of zinc pyrithione in the product. The other ingredients 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 ingredients in the product >1% are not aspiration hazards based on available information, human and/or animal studies.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

- This product is not expected to be endocrine disrupting

11.2.2 Information on other hazards

- No other hazards to note.

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

- The product is classified for chronic aquatic toxicity (Category 3). Aquatic toxicity classification only applies to the colors, Chocolate (UG031), Chestnut Brown (UG034), Spice Brown (UG057), and Cement (UG221).

Chemical Name	CAS No.	Species	Value
Zinc pyrithione [a]	13463-41-7	*Daphnia magna*	EC_{50} (48h): 8.2 µg/L
		Americamysis bahia	EC_{50} (96h): 6.3 µg/L
		Navicula pelliculosa	NOEC (120h) = 2.4 µg/L ErC_{50} (120h) = 4.1 µg/L EbC_{50} (120h) = 3.0 µg/L
		Skeletonema costatum	EC_{50} =1.3 µg/L NOEC =0.46 µg/L
Zinc oxide	1314-13-2	*Raphidocelis 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

[a] According to Regulation (EC) No. 1272/2008 (CLP), M=1000 for acute aquatic effects and M=10 for chronic aquatic effects.

12.2 Persistence and degradability

- Zinc oxide (CAS No. 1314-13-2) is a metal/inorganic substance. Testing is not conducted for inorganic substances.
- Zinc pyrithione (CAS No. 13463 41-7) is not readily biodegradable.

12.3 Bioaccumulative potential

- Zinc is an essential element which is actively regulated by organisms, so bioaccumulation is not considered relevant for all inorganic zinc substances. However, nano zinc oxide particles have been found to bioaccumulate in the aquatic environment.
- No data available for the other ingredients in the product.

12.4 Mobility in Soil

- Zinc oxide (CAS No. 1314-13-2) has a median logKp value of 3.24 L/kg (based on experimental results for 498 representative soils).
- No data available for the other ingredients in the product.

12.5 Results of PBT and vPvB assessment

- Zinc oxide (CAS No. 1314-13-2) is a metal/inorganic substance. PBT and vPvB assessment does not apply.
- Zinc pyrithione (CAS No. 13463 41-7) is not considered PBT or vPvB.

12.6 Endocrine disrupting properties

- This product is not expected to be endocrine disrupting.

12.7 Other adverse effects

- No further data available.

Reference:

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**.

European Union

Seveso Directive (2012/18/EU): No ingredients in this product are listed.
Regulation (EC) No. 2024/590, Annex I and II: No ingredients in this product are listed.
Regulation (EC) No. 649/2012, Annex I, Parts I-III: Cadmium (listed as cadmium and its compounds), arsenic (listed as arsenic compounds), and mercury (listed as mercury compounds) are listed in Annex I, Part 1 as chemicals subject to export notification procedure. The other ingredients in this product are not listed.
Regulation (EC) No. 2019/1021, Annex I: No ingredients in this product are listed.
Substances of Very High Concern (SVHC): Contains no ingredients on the REACH SVHC Candidate List at concentrations greater than 0.1% w/w.

Germany:

Wassergefährdungsklasse (water hazard class): WGK 1 – Schwach wassergefährdend (low hazard to waters).

International:

IARC: Crystalline silica (listed as silica dust, crystalline, in the form of quartz or cristobalite) (CAS No. 14808-60-7), arsenic (listed as Arsenic and inorganic arsenic compounds), chromium VI [chromium (VI) compounds], cadmium (listed as cadmium and cadmium compounds), and nickel (listed as nickel compounds) are listed as Group 1, carcinogenic to humans. Lead is classified as Group 2B, possibly carcinogenic to humans. Mercury (listed as mercury and inorganic mercury compounds), cobalt [listed as cobalt (II) compounds], and chromium [listed as chromium (III) compounds] are classified 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

Consumer Information:

EU / UK Labeling:

Colors: All

Contains biocidal product, BIT. May produce an allergic reaction.
Do not spray apply without personal protective equipment. Avoid Dust.

Colors: Chocolate (UG031), Chestnut Brown (UG034), Spice Brown (UG057), and Cement (UG221)

Harmful to aquatic life with long lasting effects. Avoid release to the environment. Dispose of contents/container in accordance with local, regional, national and/or international regulation.

USA Labeling

Mayco Colors is a member of the Art and Creative Materials Institute, Inc (ACMI), a US-based trade organization with a focus on art material safety. The ACMI Seal is a widely recognized certification program in the USA.

The Art and Creative Materials Institute, Inc (ACMI) SEAL: An **AP (Approved Product)** label is appropriate for this product.

The AP Seal identifies art materials that are safe and certified in a toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans, including children, or to cause acute or chronic health problems. Children in grade six and lower, and adults who may not be able to read and understand safety labeling should use only non-toxic materials. The AP Seal ensures products are non-toxic when used as intended for young children, the physically or mentally handicapped, and any persons who cannot read or understand the safety labeling on product packages.

Consumer Product Labeling According to US Labeling of Hazardous Art Materials Act, ASTM-4236

Health hazard warnings not required.
Do not spray apply without personal protective equipment. Avoid dust.

Ingredient Information:

Colors Containing Ingredients Listed in Section 3.2

Chemical Name	CAS No.	Colors
Zinc pyrithione	13463-41-7	All
Zinc oxide	1314-13-2	Chocolate (UG031), Chestnut Brown (UG034), Spice Brown (UG057), Cement (UG221)
Crystalline silica	14808-60-7	All

Other ingredient information:
No latex, milk, eggs, fish, crustacean shellfish, tree nuts, peanuts, wheat, soybeans, sesame are in the formula

List of acronyms and abbreviations:

ACGIH: American conference of Governmental Hygenists	N/A: Not applicable
AP: Approved Product	NIOSH: National Institute for Occupational Safety & Health
ATE: Acute Toxicity Estimate	NOEC: No Observed Effect Concentration
CAS: Chemical Abstract Service Number	NTP: National Toxicology Program
CLP: Classification, Labelling and Packaging Regulation (EC) No. 1272/2008	PBT: Persistent, Bioaccumulative and Toxic
DFG MAK: Deutsche Forschungsgemeinschaf Maximale Arbeitsplatz-Konzentration [Maximum Workplace Concentrations (MAK) set by the German Research Foundation's (DFG) Commission]	PPE: Personal Protective Equipment
EC: European Commission	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
EC_{50}: Median effective concentration	SCL: Specific Concentration Limit
ECHA: European Chemicals Agency	SDS: Safety Data Sheet
ERV: Ecotoxicity Reference Value	STEL : Short-Term Exposure Limit
EU: European Union	SVHC: Substances of Very High Concern
IARC: International Agency for Research on Cancer	TLV: Threshold limit value
IBC: International Bulk Chemical	TWA: Time-weighted average
GHS: Global Harmonized System	UN: United Nations
MARPOL: Maritime Pollution	vPvB: very Persistent, very Bioaccumulative
M-factor: Multiplying factor	WGK: Wassergefährdungsklasse

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 1st revision Safety Data Sheet.

Creation Date: March 09, 2026