Stroke & Coat and Speckled Stroke & Coat

SAFETY DATA SHEET (SDS)

Version: 02.1
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According to: OSHA Hazard Communication Standard 29 CFR 1910.1200(g) Rev. 2024, WHMIS 2015 (Hazardous Products Regulations), UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS), 11th Revision

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:	Stroke & Coat and Speckled Stroke & Coat
Product Colors:	**Stroke & Coat** [Pink-A-Boo (SC001), Melon-Choly (SC002), Wine About It (SC003), Tiger Tail (SC005), Sunkissed (SC006), Leapin' Lizard (SC007), Just Froggy (SC008), Jaded (SC009), Teal Next Time (SC010), Blue Yonder (SC011), Moody Blue (SC012), Grapel (SC013), Java Bean (SC014), Tuxedo (SC015), Cotton Tail (SC016), Cheeky Pinky (SC017), Rosey Posey (SC018), Cashew Later (SC020), Jack O'Lantern (SC023), Dandelion (SC024), Crackerjack Brown (SC025), Green Thumb (SC026), Sour Apple (SC027), Blue Isle (SC028), Blue Grass (SC029), Blue Dawn (SC030), The Blues (SC031), Bluebeard (SC032), Fruit of the Vine (SC033), Down To Earth (SC034), Gray Hare (SC035), Irish Luck (SC036), Ivory Tower (SC037), Army Surplus (SC039), Blueberry Hill (SC040), Brown Cow (SC041), Butter Me Up (SC042), Lettuce Alone (SC043), My Blue Heaven (SC045), Rawhide (SC046), Camel Back (SC048), Orange Ya Happy (SC050), Poo Bear (SC051), Toad-ily Green (SC052), Purple Haze (SC053), Vanilla Dip (SC054), Yella Bout It (SC055), 501 Blues (SC058), Silver Lining (SC060), Peri-Twinkle (SC065), Pink-A-Dot (SC070), Purple-Licious (SC071), Grape Jelly (SC072), Candy Apple Red (SC073), Hot Tamale (SC074), Orange-A-Peel (SC075), Cara-bein Blue (SC076), Glo-Worm (SC077), Lime Light (SC078), It's Sage (SC079), Basketball (SC080), Cinnamon Stix (SC081), Tip Taupe (SC083), Orkid (SC085), Old Lace (SC086), Ruby Slippers (SC087), Tu Tu Tango (SC088), Cutie Pie Coral (SC089), Elephant Ears (SC090), Seabreeze (SC091), Café Olé (SC092), Honeydew List (SC093), Pinkie Swear (SC095), Aqu-ward (SC096), Cant-elope (SC097) Slime Time (SC098), Char-ming (SC099), Makin Me Blush (SC100), Spruce It Up (SC101), Just Peachy (SC102), Lavendear (SC103), - Grape Expectations (SC104), Tic-Tac-Turquoise(SC105)] **Speckled Stroke & Coat** [Pink-A-Boo (SP201), Sunkissed (SP206), Jaded (SP209), Teal Next Time (SP210), Blue Yonder (SP211), Moody Blue (SP212), Grapel (SP213), Tuxedo (SP215), Cotton Tail (SP216), Green Thumb (SP226), Sour Apple (SP227), The Blues (SP231), My Blue Heaven (SP245), Purple Haze (SP253), Vanilla Dip (SP254), Silver Lining (SP260), Pink-A-Dot (SP270), Hot Tamale (SP274), Orange-A-Peel (SP275), Speckled Old Lace (SP286), Tu Tu Tango (SP288), Speckled Cutie Pie Coral (SP289), Speckled Tic-Tac-Turquoise (SP2105)]
Product Sizes:	2 oz, 8 oz, 16 oz, 128 oz
Other Means of Identification:	None known
Product Description:	Colored liquid glaze formulations intended to be applied using a brush and 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: 614-675-2020
Email: info@maycocolors.com

1.4 Emergency telephone number

Emergency Telephone: National Poison Control: 1-800-222-1222
Transportation Emergencies: CHEMTREC: 1-800-424-9300

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
WHMIS 2015 Hazardous Products Regulations

Physical	Health
Not classified	Not classified

2.2. Label elements

Label Pictogram: None required
Signal Word: None required
Hazard statements: None required
Precautionary Statement: None required

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.	% by Weight Concentration [a]	GHS Hazards
Zinc oxide	1314-13-2	215-222-5	≤ 1.35%	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	≤ 6.63%	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.

It should be noted that 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.

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. Clean up dusts and small spills with a damp cloth or wet mop. 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.	ACGIH TLV TWA	OSHA PEL TWA	NIOSH REL TWA
Zinc oxide	1314-13-2	2 mg/m^3 [a]	5 mg/m^3	5 mg/m^3
Crystalline silica	14808-60-7	0.025 mg/m^3 [a]	0.05 mg/m^3	0.05 mg/m^3
N/A – Not applicable		[a]	Respirable particulate matter	

8.2 Exposure Controls:

Appropriate engineering controls

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

8.3 Personal Protective Equipment

Note: 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 vapors 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.

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):	8 – 9	**Decomposition temperature:**	Not available
Melting/freezing point:	32ºF	**Dynamic viscosity:**	Not available
Boiling point and boiling range:	212ºF	**Molecular weight:**	Not available
Flash point:	Not applicable	**Explosive properties:**	Not available
Evaporation rate:	Not available	**Oxidizing properties:**	Not available
Flammability:	Not available	**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

- 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 vapors 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/eye contact, inhalation of vapors.
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. The oral ATE for the whole product is >5000 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:	The product is practically nontoxic based on available animal and human use data. 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:	The ingredients of this product >1% are not damaging to the eyes or eye irritants based on available information, human and/or animal studies.
Respiratory or skin sensitization:	The ingredients in this product >0.1% are not respiratory or skin sensitizers based on available information, human and/or animal studies.
Mutagenicity:	The ingredients in the product >0.1% 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:	The 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 this effect based on a review of available data and the nature/physical form of the product (*i.e.*, liquid glaze). The other ingredients in this product >1% are not specific target organ toxicity (repeated exposure) 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.

References:

ECHA (European Chemicals Agency). 2025. 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/whatwestudy/assessments/cancer/roc

Section 12 – Ecological Information

12.1 Toxicity

- Environmental hazards are outside the scope of OSHA/WHMIS, therefore product classification for chronic and/or acute aquatic toxicity is not mandatory. Based on the criteria outlined in the 11th revision of the GHS, the product is classified for acute (Category 2) and chronic aquatic toxicity (Category 3). Aquatic toxicity classifications only apply to Stroke & Coats [Tiger Tail (SC005), Java Bean (SC014), Crackerjack Brown (SC025), Down to Earth (SC034), Brown Cow (SC041), Camel Back (SC048), Cinnamon Stix (SC081), Elephant Ears (SC090), Café Olé (SC092)].

Chemical Name	CAS No.	Species	Value
Zinc oxide	1314-13-2	*Danio rerio*	LC_{50} (96h): 1.55 mg/L (bulk ZnO) nominal EC_{50} (84h): 2.066 mg/L (bulk ZnO) nominal
		Danio rerio	EC_{50} (48h): > 5 - < 16.2 mg/L (bulk ZnO) nominal
		Daphnia magna	EC_{50} (48h): >1.4 - <2.5 mg/L nominal
		Freshwater Alga and Cyanobacteria	EC_{10} (72h): 0.42 mg/L nominal

12.2 Persistence and degradability

- No data available for the other ingredients 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.

References:

ECHA (European Chemicals Agency). 2025. 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 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

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): Cadmium compounds and zinc compounds are listed by the CWA as toxic pollutants. No other ingredients in this product are listed as toxic pollutants.

Clean Air Act (CAA): No ingredients in this product are listed under the CAA.

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

SARA 302 Components: No ingredients in this product are subject to reporting requirements of S.302.

SARA 304 Emergency Release Notification: No ingredients in this product are subject to reporting requirements of S.304.

SARA 311/312 Hazards: No ingredients in this product are subject to reporting requirements of S.311/312.

SARA 313 Components: Cadmium and lead are subject to reporting requirements of S.313. No other ingredients in this product are subject to reporting requirements of S.313.

Toxic Substances Control Act (TSCA): All ingredients are listed on the non-confidential TSCA inventory or are exempt.

State Regulations:

California Proposition 65 List: Cadmium, lead, methanol (CAS No. 67-56-1) and are listed on the Proposition 65 List. A screening assessment indicates that the levels of these chemicals in the products does not warrant warnings for the purpose of California Proposition 65. Crystalline silica (CAS No. 14808-60-7) [listed as silica, crystalline (airborne particles of respirable size)] and titanium dioxide (CAS No. 13463-67-7) (airborne, unbound particles of respirable size) are listed on the Proposition 65 List. Given the nature/physical form of the product (*i.e.,* liquid glaze) airborne respirable particles would not likely be released from this product and therefore the listed form of silica, crystalline and titanium dioxide is not relevant for the product. No other ingredients in this product are listed on the California Proposition 65 List.

New Jersey Right to Know Hazardous Substance List: Zinc oxide (CAS No. 1314-13-2), crystalline silica (listed as silica, quartz) (CAS No. 14808-60-7), titanium dioxide (CAS No. 13463-67-7), aluminum oxide (CAS No. 1344-28-1), kaolin (CAS No. 1332-58-7), cobalt (listed as cobalt compounds), methanol (CAS No. 67-56-1), nitrilotriacetic acid (CAS No. 139-13-9), vanadium oxide (listed as vanadium pentoxide) (CAS No. 1314-62-1), iron oxide (CAS No. 1309-37-1), chromium (III) oxide (listed as chrome oxide (CAS No. 1308-38-9), tin oxide (listed as tin (II) oxide (CAS No. 21651-19-4), boron oxide (CAS No. 1303-86-2), and cadmium are listed on the Right to Know Hazardous Substance List. No other ingredients are listed on the Right to Know Hazardous Substance List.

Canada

CEPA DSL/NDSL: The ingredients in the product are listed on the DSL/NDSL.

International:
IARC: Crystalline silica (CAS No. 14808-60-7) (listed as silica dust, crystalline, in the form of quartz or cristobalite) and cadmium and cadmium compounds are listed as Group 1, carcinogenic to humans. Titanium dioxide (CAS No. 13463-67-7), nitrilotriacetic acid (CAS No. 139-13-9) (listed as nitrilotriacetic acid and its salts), and lead are classified as Group 2B, possibly carcinogenic to humans. Cobalt oxide (CAS No. 1308-06-1) (listed as cobalt (II,III) oxide), iron oxide (CAS No. 1309-37-1) (listed as ferric oxide) and crystalline silica (CAS No. 7631-86-9) (listed as silica, amorphous) 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:

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 oxide	1314-13-2	**Stroke & Coat** [Tiger Tail (SC005), Java Bean (SC014), Crackerjack Brown (SC025), Down to Earth (SC034), Brown Cow (SC041), Camel Back (SC048), Cinnamon Stix (SC081), Elephant Ears (SC090), Café Olé (SC092)]
Crystalline silica	14808-60-7	**Stroke & Coat** [All] **Speckled Stroke & Coat** [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 Industrial Hygienists	NDSL: Non-domestic Substances List
AP: Approved Product	NIOSH: National Institute for Occupational Safety & Health
ATE: Acute Toxicity Estimate	NTP: National Toxicology Program
CAA: Clean Air Act	OSHA: Occupational Safety and Health Administration
CAS: Chemical Abstract Service Number	PBT: Persistent, Bioaccumulative and Toxic
CERCLA: Comprehensive Environmental Response and Liability Act	PEL: Permissible Exposure Level
CFR: Code of Federal Regulations	PPE: Personal Protective Equipment
CWA: Clean Water Act	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
DSL: Domestic Substances List	REL: Recommended exposure level
EC: European Commission	SARA: Superfund Amendment and Reauthorization Act
EC_{10}: 10% effect concentration	SDS: Safety Data Sheet
EC_{50}: Median effective concentration	TLV: Threshold limit value
ECHA: European Chemicals Agency	TSCA: Toxic Substances Control Act
GHS: Global Harmonized System	TWA: Time Weighted Average (8-hour)
IARC: International Agency for Research on Cancer	UN: United Nations
IBC: International Bulk Chemical	VOC: Volatile Organic Compounds
LC_{50}: Lethal concentration to 50% of the population	vPvB: very Persistent, very Bioaccumulative
MARPOL: Maritime Pollution	WHMIS: Workplace Hazardous Materials Information System
N/A: Not applicable	

References:

ECHA (European Chemicals Agency). 2025. 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/whatwestudy/assessments/cancer/roc

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: December 05, 2025