



Jungle Gems™ Crystal Glaze

CONSUMER PRODUCT INFORMATION SHEET

Approved for Artists of all Ages



This Consumer Product Information Sheet is for **consumer use** and does not meet the requirements for workplace Safety Data Sheets.

Section 1: Contact and Product Information

1.1 Manufacturer or Responsible Party's Contact Information:

Name: Mayco Colors

Address: 4077 Weaver Ct S, Hilliard, Ohio 43026

Phone: 614-675-2020

Website: MaycoColors.com

Emergency Phone Number: National Poison Control 800-222-1222

1.2 Product Information:

Product Name: Mayco Jungle Gems

ACMI Seal: Approved Product (AP)

Product Colors & SKU:

| SKU# | Color Name | SKU# | Color Name | SKU# | Color Name |
|--------|---------------------|-------|------------------|-------|-------------------|
| CG1000 | MARDI GRAS | CG785 | ROYAL FANTASY | CG991 | MOUNTAIN MOSS |
| CG1001 | GOGH IRIS | CG786 | OBSIDIAN | CG994 | FIELD AND FLOWERS |
| CG1002 | DAY LILY | CG788 | DUTCH ENAMELWARE | CG997 | SEAFOAM |
| CG1003 | PEACH PARTY | CG795 | YADRO PRINT | CG998 | PINK PIXIE |
| CG1004 | BERRY TART | CG798 | BLACK IRIS | CG999 | JAZZ NOTES |
| CG1005 | MAROON LAGOON | CG954 | WILDFIRE | S2701 | PEACOCK EYES |
| CG1006 | PURPLE REIGN | CG958 | LAGOON BLUE | S2702 | NORTHERN LIGHTS |
| CG1007 | BLUEBERRY BUBBLEGUM | CG963 | LEMON LIME | S2703 | BERRYBERRY PIE |
| CG1008 | BLUE GUPPY | CG964 | KALEIDOSCOPE | S2704 | PLUM JELLY |
| CG1009 | CHERRY LIMEADE | CG965 | MOCHA MARBLE | S2708 | ORIENTAL CARMEL |
| CG1010 | PERIWINKLE SKY | CG968 | PEPPERMINT TWIST | S2709 | CAPPUCCINO MINT |
| CG1011 | FROSTED BERRIES | CG969 | FLORAL FANTASY | S2711 | TAHITI GRAPE |
| CG1012 | HAYSTACK | CG970 | MASQUERADE | S2712 | MONSOON SEAS |
| CG1013 | PAPAYA | CG972 | DRAGON'S BREATH | S2714 | HERB GARDEN |
| CG1014 | PINK PLUM | CG974 | BLOOMIN' BLUE | S2715 | SPOTTED KIWI |
| CG1015 | CLOVERFIELD | CG977 | INK SPOTS | S2716 | CELESTIAL BLUE |



| | | | | | |
|--------|-------------------|-------|-----------------|-------|---------------|
| CG1016 | ASTEROID | CG980 | CORAL PUFF | S2718 | COSMIC BLACK |
| CG718 | BLUE CAPRICE | CG981 | FRUITY FRECKLES | S2723 | GRAPE DIVINE |
| CG722 | SEAWIND | CG983 | KOI POND | S2724 | LOTUS BLOSSOM |
| CG750 | NOEL | CG984 | LADYBUG | S2725 | SAFARI |
| CG753 | SASSY ORANGE | CG985 | MONET'S POND | S2726 | CHEETAH |
| CG756 | FIRECRACKER | CG986 | SMOKE AND FIRE | S2727 | POPPY FIELDS |
| CG779 | BLACK OPAL | CG987 | TREE FROG | S2729 | CITRUS SPLASH |
| CG780 | MYSTIC JADE | CG990 | STARRY NIGHT | S2731 | KABOOM |
| CG783 | STRAWBERRY SUNDAE | | | | |

Product Sizes: 4oz, 16oz,

Product Description: Colored liquid glaze formulation intended to be applied using a brush and placed in a kiln for glaze firing.

Section 2: Use Information

2.1 Use Conditions and Finish Results:

Suitable substrates: Wet clay, earthenware bisque, stoneware bisque

Recommended application methods: Brush

Firing conditions: Cone 06–Cone 10 (999–1305°C/1830–2381°F), oxidation or reduction

Fired Finish: Semi-translucent to opaque matte and glossy finishes

2.2 General Use Instructions:

Shake or stir well and repeatedly throughout application as crystals tend to settle in the jar due to their weight. Apply 2-3 coats even coats. Redistribution of crystals may be required during the final coat. Where you see the crystal is where you will see the bloom after firing. Avoid application of crystals at the bottom of the ware as Jungle Gems move during firing and can adhere to the kiln shelf. Allow to dry between coats and before firing. If applying to clay, we recommend leaving an area unglazed to allow for out-gassing of the clay. We recommend testing on your clay and in your kiln. Visit MaycoColors.com for more application information. Water Clean-up. Do not spray apply without Personal Protective Equipment. Avoid generation of dust and minimize dust accumulation in the work area. Read safety information on product label and in Section 3 of this Consumer information Sheet before use.

2.3 Cleanup & Disposal:

Clean tools in a bucket or similar container of water. Clean surfaces with a damp cloth or wet mop. Rinse water may be disposed of in a sink in most situations. Use of a clay drain trap is advised to avoid a buildup of solids that may clog pipes. Do not dispose of leftover glaze down the drain. Unfired glazes may contain ingredients that are harmful to the environment and/or could plug your drain and damage pipes. Small quantities of unused glaze in the decorating process can be allowed to dry and trash. Where possible, donate or repurpose uncontaminated leftover glaze still in the jar. Consult with the local



residential waste management authority for information on how to properly dispose of leftover glaze in your area.

Section 3: Safety Information

3.1 General Safety Information:

Mayco Colors is committed to producing quality products that are safe when used in accordance with manufacturer's instructions, following good studio hygiene practices and adhering to applicable regulations (when used in a workplace). As part of this commitment, Mayco's products are evaluated by a qualified toxicologist to identify potential hazards in accordance with United States, Canada and European regulations as well as ACMI standards. It is important to note that "safe" and "hazards" are terms that do not have a universal definition. As a result, hazard classification and label information may vary from region to region.

Regardless of the level of toxicity of a glaze. We recommend taking common sense safety precautions when working with ceramic glazes to avoid accidental ingestion and other safety incidents. Keep the container closed when not in use. Keep the work area clean and free of clutter. Wash hands after handling / before eating, drinking or smoking. Individuals with skin sensitivity should wear gloves to avoid a skin reaction.

These products are not classified as reproductive or developmental toxins. Pregnant women can use without additional safety measures. However, any health concerns should be discussed with a qualified medical professional prior to use.

3.2 Quartz (crystalline silica) Information:

Ceramic materials, including ceramic glazes, contain crystalline silica, a naturally occurring mineral found in most sand, soil, rocks and clay. When inhaled, respirable crystalline silica can penetrate deep into the lung, resulting in inflammation and scarring. Over time, inhalation of respirable crystalline silica can cause silicosis, a chronic lung disease. Silica in liquid glazes does not pose a risk under normal use conditions since the silica is not respirable. Since spray applying can generate a respirable mist, Mayco recommends against spray applying our glazes. We leave the decision on application methods up to the consumer but strongly urge anyone considering spray application to purchase an appropriate respirator and to learn how to wear the equipment to ensure it works as designed.

Sanding, grinding, drilling and similar processes can generate fine dust particles. Inhalation of ceramic dusts can cause serious health problems. We advise against consumers engaging in activities that may generate ceramic dust. Only professional users who have implemented dust control measures and who have been fitted with and trained on the proper use of respiratory protection should conduct activities that may generate ceramic dusts.



3.3 United States & Canadian Consumer Product Safety Labeling:

ACMI SEAL: Approved Product (AP) – FOR USA ONLY

Note: Jungle Gems™ glazes are a mix of The Art and Creative Materials Institute, Inc. (ACMI) certified AP (Approved for use by artists of all ages when used according to manufacturer's directions) and CL caution label (certified to be labeled appropriately for known health hazards. This Consumer Product Information Sheet applies to the products bearing the AP Seal.

US Labeling of Hazardous Art Materials Regulations (LHAMA) & Canadian Consumer Chemicals and Containers Regulations, 2001 (CCCR, 2001)

Product Hazards: Products are not classified as toxic (acute/ chronic), corrosive, or skin/eye irritant. Products are non-flammable.

Warnings: None required.

Precautionary Measures: Do not spray apply without personal protective equipment. Avoid dust.

3.4 European Union (EU) Consumer Product Safety Labeling and Packaging (CLP):

Colors: MARDI GRAS (CG1000), GOGH IRIS (CG1001), DAY LILY (CG1002), PEACH PARTY (CG1003), BERRY TART (CG1004), MAROON LAGOON (CG1005), PURPLE REIGN (CG1006), BLUEBERRY BUBBLEGUM (CG1007), BLUE GUPPY (CG1008), CHERRY LIMEADE (CG1009), PERIWINKLE SKY (CG1010), BLUE CAPRICE (CG718), SEAWIND (CG722), NOEL (CG750), SASSY ORANGE (CG753), FIRECRACKER (CG756), BLACK OPAL (CG779), MYSTIC JADE (CG780), STRAWBERRY SUNDAE (CG783), ROYAL FANTASY (CG785), OBSIDIAN (CG786), DUTCH ENAMELWARE (CG788), YADRO PRINT (CG795), BLACK IRIS (CG798), WILDFIRE (CG954), LAGOON BLUE (CG958), LEMON LIME (CG963), KALEIDOSCOPE (CG964), MOCHA MARBLE (CG965), PEPPERMINT TWIST (CG968), FLORAL FANTASY (CG969), MASQUERADE (CG970), DRAGON'S BREATH (CG972), BLOOMIN' BLUE (CG974), INK SPOTS (CG977), FRUITY FRECKLES (CG981), KOI POND (CG983), LADYBUG (CG984), MONET'S POND (CG985), TREE FROG (CG987), STARRY NIGHT (CG990), MOUNTAIN MOSS (CG991), SEAFOAM (CG997), PINK PIXIE (CG998), JAZZ NOTES (CG999), PEACOCK EYES (S2701), NORTHERN LIGHTS (S2702), PLUM JELLY (S2704), CAPPUCCINO MINT (S2709), TAHITI GRAPE (S2711), MONSOON SEAS (S2712), HERB GARDEN (S2714), SPOTTED KIWI (S2715), CELESTIAL BLUE (S2716), COSMIC BLACK (S2718), GRAPE DIVINE (S2723), LOTUS BLOSSOM (S2724), SAFARI (S2725), CHEETAH (S2726), POPPY FIELDS (S2727), CITRUS SPLASH (S2729), KABOOM (S2731)

Product Physical, Health & Environmental Hazards:

Physical Hazard Classification: None

Health Hazard Classification: None

Product Environmental Hazards: None

Pictograms: None



Warnings: None

Supplemental Warning: Contains 1,2-benzisothiazolin-3-on3 (BIT). May produce an allergic reaction.

Precautionary Measures: Do not spray apply without personal protective equipment. Avoid dust.

Colors: FROSTED BERRIES (CG1011), HAYSTACK (CG1012), PAPAYA (CG1013), PINK PLUM (CG1014), CLOVERFIELD (CG1015), ASTEROID (CG1016), ORIENTAL CARMEL (S2708)

Product Physical, Health & Environmental Hazards:

Physical Hazard Classification: None

Health Hazard Classification: None

Product Environmental Hazards: Chronic Aquatic Toxicity Category 3

Pictograms: None

Warnings: Harmful to aquatic life with long lasting effects.

Supplemental Warning: Contains 1,2-benzisothiazolin-3-on3 (BIT). May produce an allergic reaction.

Precautionary Measures: Do not spray apply without personal protective equipment. Avoid dust.

3.5 Description of first aid measures

Eye contact: No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and immediately flush eyes with water. Seek medical attention if in doubt.

Skin contact: No specific first aid measures are required. If irritation occurs, wash with plenty of water and soap. Take off contaminated clothing. If skin irritation persists: Get medical advice/attention.

Inhalation: Inhalation route of exposure is not anticipated with intended use (brush). 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. As a precaution, rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if in doubt.



Section 4: Product Label Images

Colors: MARDI GRAS (CG1000), GOGH IRIS (CG1001), DAY LILY (CG1002), PEACH PARTY (CG1003), BERRY TART (CG1004), MAROON LAGOON (CG1005), PURPLE REIGN (CG1006), BLUEBERRY BUBBLEGUM (CG1007), BLUE GUPPY (CG1008), CHERRY LIMEADE (CG1009), PERIWINKLE SKY (CG1010), BLUE CAPRICE (CG718), SEAWIND (CG722), NOEL (CG750), SASSY ORANGE (CG753), FIRECRACKER (CG756), BLACK OPAL (CG779), MYSTIC JADE (CG780), STRAWBERRY SUNDAE (CG783), ROYAL FANTASY (CG785), OBSIDIAN (CG786), DUTCH ENAMELWARE (CG788), YADRO PRINT (CG795), BLACK IRIS (CG798), WILDFIRE (CG954), LAGOON BLUE (CG958), LEMON LIME (CG963), KALEIDOSCOPE (CG964), MOCHA MARBLE (CG965), PEPPERMINT TWIST (CG968), FLORAL FANTASY (CG969), MASQUERADE (CG970), DRAGON'S BREATH (CG972), BLOOMIN' BLUE (CG974), INK SPOTS (CG977), FRUITY FRECKLES (CG981), KOI POND (CG983), LADYBUG (CG984), MONET'S POND (CG985), TREE FROG (CG987), STARRY NIGHT (CG990), MOUNTAIN MOSS (CG991), SEAFOAM (CG997), PINK PIXIE (CG998), JAZZ NOTES (CG999), PEACOCK EYES (S2701), NORTHERN LIGHTS (S2702), PLUM JELLY (S2704), CAPPUCCINO MINT (S2709), TAHITI GRAPE (S2711), MONSOON SEAS (S2712), HERB GARDEN (S2714), SPOTTED KIWI (S2715), CELESTIAL BLUE (S2716), COSMIC BLACK (S2718), GRAPE DIVINE (S2723), LOTUS BLOSSOM (S2724), SAFARI (S2725), CHEETAH (S2726), POPPY FIELDS (S2727), CITRUS SPLASH (S2729), KABOOM (S2731)

[Label Image – Not Environmentally Hazardous]





Colors: FROSTED BERRIES (CG1011), HAYSTACK (CG1012), PAPAYA (CG1013), PINK PLUM (CG1014), CLOVERFIELD (CG1015), ASTEROID (CG1016), ORIENTAL CARMEL (S2708)

[Label Image – Not Environmentally Hazardous]



Section 5: Food Contact Information

USA

When used according to manufacturer's instructions Jungle Gems™ are considered Food Safe, defined as being capable of meeting FDA's CPG Sec. 545.400 and CPG Sec. 545.450 guidance documents, which establish limits on lead and cadmium leaching from food contact ceramicware. Studio practices play an important role in the finished product being food safe. Factors such as improper firing or cross-contamination with non-food safe glazes or toxic chemicals can render a product being unsuitable for use as dinnerware.

Jungle Gems™ Crystal Glazes are recommended for ornamental use only when applied to low-fire earthenware clay bodies. Jungle Gems™ **are not recommended for dinnerware produced from low-fire earthenware clay bodies** as these glazes can exhibit surface textures such as cracks and crevices. While the glazed surface may pass lead & cadmium leach tests, and therefore legally considered Food Safe, attempts to adequately clean the textured surface may cause the underlying porous ware to absorb water and fail. Jungle Gems™ glazes may be considered dinnerware



safe if surface texture is eliminated when firing to mid-range or high fire temperatures. For more information on dinnerware safety, visit: [Dinnerware & Food Safety | Ceramic Dinnerware Glazes | Mayco Colors](#)

Canada

Not evaluated for Canadian Food Contact Material regulations. Testing finished product according to local regulations is recommended.

Europe

Not evaluated for EU or EU member state regulations. Testing finished product according to local regulations is recommended.

Finished ware producers bear responsibility for the food and dinnerware safety of their ware, including testing to verify conformance to any applicable regulations.

Section 6: Other Product Information

- No latex, milk, eggs, fish, crustacean shellfish, tree nuts, peanuts, wheat, soybeans, sesame are in the formula
- No animal products are in the formula
- Mayco finished products are not tested on animals.

Section 7: ACMI Authorization

The product is authorized by ACMI to use the AP Seal until 2027. The Art and Creative Materials Institute, Inc. (ACMI) is an international association of more than 200 art, craft and creative material manufacturers that has a certification program in place to evaluate such products for required labeling per the federal Labeling of Hazardous Art Materials Act (LHAMA). Products bearing ACMI's Approved Product (AP) or Cautionary Labeling (CL) Seal undergo extensive toxicological testing by board-certified toxicologists (medical experts) before being certified and authorized to bear the AP or CL Seal. The toxicologists evaluate art products for both acute hazards (i.e. skin rashes or eye irritation) and chronic hazards, or reactions that occur over longer periods of time

Definition of the AP Seal: The AP (Approved Product) Seal identifies art materials that are safe and that are certified in a toxicological evaluation by a board-certified toxicologist (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. These products are certified by ACMI to be labeled in accordance with the chronic hazard labeling standard, ASTM D4236, the Federal Hazardous Substances Act (FHSA) including the U.S. Labeling of Hazardous Art Materials Act (LHAMA).





This information reflects our current level of knowledge and is intended to support consumers' health, safety, and environmental understanding. It is not intended to serve as a guarantee of any particular product's performance, suitability, or property. The above data is accurate and based on reliable testing and expert opinions. However, this document does not serve as a warranty, and we do not assume legal responsibility for how the information is used. It is the user's responsibility to evaluate the information for their intended use and ensure compliance with all applicable local, national, and international regulations.