



Your Single Source For Innovative
Architectural Concrete Solutions

Bomanite Concrete Dye SB

Section 1

Product Description

Product Name: Concrete Dyes SB
Recommended Use: Staining concrete
Supplier: The Bomanite Company * 8777 Auburn Folsom Rd. #108 * Granite Bay, CA 95746
(303) 369-1115 * www.bomanite.com
Emergency Phone: CHEMTRAC 1-800-424-9300

Section 2

Hazard identification

Dandelion, Maple Syrup, Pineapple, Roasted Pepper, Root Beer, & Thistle Green Colors:

Specific Target Organ Acute Toxicity (central nervous system): Category 3

Flammable Liquid: Category 2

Acute Inhalation Toxicity: Category 5

Acute Dermal Toxicity: Category 5

Eye Irritation: Category 2A

Skin Irritation: Category 2



Signal Word:

Danger

Hazard Statements:

H225 Highly flammable liquid and vapor
H313 May be harmful in contact with skin
H319 Causes serious eye irritation
H333 May be harmful if inhaled
H336 May cause drowsiness or dizziness

Precautionary Statements:

Prevention:

P233 Keep container tightly closed
P261 Avoid breathing mist
P270 Do not eat, drink, or smoke while using this product
P271 Use only outdoors or in a well-ventilated environment
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P284 Upper respiratory protection
P264 Wash skin thoroughly after handling

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of water
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

Black Orchid, Blueberry & Red Berry Colors:

Specific Target Organ Acute Toxicity (central nervous system): Category 3

Flammable Liquid: Category 2

Acute Inhalation Toxicity: Category 5

Eye Irritation: Category 2A

Skin Irritation: Category 2



Signal Word:

Danger

Hazard Statements:

H225 Highly flammable liquid and vapor

H319 Causes serious eye irritation

H333 May be harmful if inhaled

H336 May cause drowsiness or dizziness

Precautionary Statements:

Prevention:

P233 Keep container tightly closed

P261 Avoid breathing mist

P270 Do not eat, drink, or smoke while using this product

P271 Use only outdoors or in a well-ventilated environment

P273 Avoid release to the environment

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P284 Upper respiratory protection

P264 Wash skin thoroughly after handling

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352 IF ON SKIN: Wash with plenty of water

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

Coffee & Malt Brown Colors:

Eye Irritation: Category 2A

Specific Target Organ Acute Toxicity (central nervous system): Category 3

Flammable Liquid: Category 2

Acute Inhalation Toxicity: Category 5

Acute Dermal Toxicity: Category 5

Skin Irritation: Category 2



Signal Word:

Danger

Hazard Statements:

H225 Highly flammable liquid and vapor

H319 Causes serious eye irritation

H313 May be harmful in contact with skin

H333 May be harmful if inhaled

H336 May cause drowsiness or dizziness

Precautionary Statements:

Prevention:

P233 Keep container tightly closed
P220 Keep/Store away from clothing
P261 Avoid breathing mist
P270 Do not eat, drink, or smoke while using this product
P271 Use only outdoors or in a well-ventilated environment
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P284 Upper respiratory protection
P264 Wash skin thoroughly after handling

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of water
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

Concord Blue & Pomegranate Colors:

Eye Irritation: Category 2A

Flammable Liquid: Category 2

Acute Inhalation Toxicity: Category 5

Acute Dermal Toxicity: Category 5

Skin Irritation: Category 2



Signal Word:

Danger

Hazard Statements:

H225 Highly flammable liquid and vapor
H319 Causes serious eye irritation
H313 May be harmful in contact with skin
H333 May be harmful if inhaled

Precautionary Statements:

Prevention:

P233 Keep container tightly closed
P220 Keep/Store away from clothing
P261 Avoid breathing mist
P270 Do not eat, drink, or smoke while using this product
P271 Use only outdoors or in a well-ventilated environment
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P284 Upper respiratory protection
P264 Wash skin thoroughly after handling

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of water
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

Sweet Potato & Warm Honey Colors:

Specific Target Organ Acute Toxicity (central nervous system): Category 3
Flammable Liquid: Category 2
Acute Inhalation Toxicity: Category 5
Acute Dermal Toxicity: Category 5
Eye Irritation: Category 2A
Skin Irritation: Category 2



Signal Word:
Danger

Hazard Statements:

H225 Highly flammable liquid and vapor
H313 May be harmful in contact with skin
H319 Causes serious eye irritation
H333 May be harmful if inhaled
H336 May cause drowsiness or dizziness

Precautionary Statements:

Prevention:

P233 Keep container tightly closed
P220 Keep/Store away from clothing
P261 Avoid breathing mist
P270 Do not eat, drink, or smoke while using this product
P271 Use only outdoors or in a well-ventilated environment
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P284 Upper respiratory protection
P264 Wash skin thoroughly after handling

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of water
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

Rhubarb Color:

Eye Damage/Irritation: Category 1
Flammable Liquid: Category 2
Acute Oral Toxicity: Category 5
Acute Dermal Toxicity: Category 5
Skin Irritation: Category 2



Signal Word:
Danger

Hazard Statements:

H225 Highly flammable liquid and vapor
H303 May be harmful if swallowed
H313 May be harmful in contact with skin
H318 Causes serious eye damage

Precautionary Statements:

Prevention:

- P233 Keep container tightly closed
- P220 Keep/Store away from clothing
- P261 Avoid breathing mist
- P270 Do not eat, drink, or smoke while using this product
- P271 Use only outdoors or in a well-ventilated environment
- P273 Avoid release to the environment
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P284 Upper respiratory protection
- P264 Wash skin thoroughly after handling

Response:

- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P302+P352 IF ON SKIN: Wash with plenty of water
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

Section 3 Composition/ Information on Ingredients

Color	Component	CAS No.	OSHA PEL (TWA)	ACGIH(TLV-TWA)	Weight %
Black Orchid	Glycol Ether PM Alcohol	107-98-2	Not Established	100 ppm	34.5 – 41.4
	Glycol Ether DPM	34590-94-8	Not Established	100 ppm	13.8 – 20.7
	Dye Molecule	Proprietary	0.5 mg/m ³	Not Established	6.9 – 13.8
	Glycol Ether	Proprietary	50 ppm	20 ppm	25.0 – 31.0
	Dimethyl Ketone	67-64-1	1000 ppm	500 ppm	25.0 – 50.0
Blueberry	Glycol Ether PM Alcohol	107-98-2	Not Established	100 ppm	41.4 – 48.3
	Dihydrogen Oxide	7732-18-5	Not Established	Not Established	0.0 – 7.0
	Dye Molecule	Proprietary	15 mg/m ³	10 mg/m ³	20.7 – 27.6
	Glycol Ether	Proprietary	50 ppm	20 ppm	25.0 – 31.0
	Dimethyl Ketone	67-64-1	1000 ppm	500 ppm	25.0 – 50.0
Coffee	Ethoxy Propanol	1569-02-4	Not Established	Not Established	27.6 – 34.5
	2-Propoxyethanol	2807-30-9	Not Established	Not Established	3.5 – 6.9
	Dihydrogen Oxide	7732-18-5	Not Established	Not Established	0.0 – 23.4
	Glycol Ether DB	112-34-5	50 ppm	20 ppm	3.5 – 6.9
	Glycol Ether DPM	34590-94-8	Not Established	100 ppm	0.7 – 3.5
	Dye Molecule	Proprietary	Not Established	Not Established	10.4 – 26.9
	Glycol Ether	Proprietary	50 ppm	20 ppm	25.0 – 31.0
Dimethyl Ketone	67-64-1	1000 ppm	500 ppm	25.0 – 50.0	
Concord Blue	Glycol Ether DB	112-34-5	50 ppm	20 ppm	34.5 – 41.4
	Propylene Glycol	57-55-6	Not Established	Not Established	13.8 – 20.7
	Dye Molecule	Proprietary	Not Established	Not Established	6.9 – 20.7
	Glycol Ether	Proprietary	50 ppm	20 ppm	25.0 – 31.0
	Dimethyl Ketone	67-64-1	1000 ppm	500 ppm	25.0 – 50.0
Dandelion	Ethoxy Propanol	1569-02-4	Not Established	Not Established	27.6 – 34.5
	Glycol Ether DB	112-34-5	50 ppm	20 ppm	3.4 – 6.9
	Dye Molecule	Proprietary	Not Established	Not Established	27.6 – 38.0
	Glycol Ether	Proprietary	50 ppm	20 ppm	25.0 – 31.0
	Dimethyl Ketone	67-64-1	1000 ppm	500 ppm	25.0 – 50.0
Malt Brown	Ethoxy Propanol	1569-02-4	Not Established	Not Established	34.5 – 41.4
	Glycol Ether DB	112-34-5	50 ppm	20 ppm	0.7 – 3.5
	Glycol Ether DPM	34590-94-8	Not Established	100 ppm	0.7 – 3.5
	Ethyl Lactate	97-64-3	Not Established	Not Established	0.7 – 3.5
	Dye Molecule	Proprietary	15 mg/m ³	10 mg/m ³	25.0 – 30.0
	Glycol Ether	Proprietary	50 ppm	20 ppm	25.0 – 31.0
	Dimethyl Ketone	67-64-1	1000 ppm	500 ppm	25.0 – 50.0
Maple Syrup	Ethoxy Propanol	1569-02-4	Not Established	Not Established	41.4 – 48.3
	Dye Molecule	Proprietary	15 mg/m ³	10 mg/m ³	20.7 – 27.6
	Glycol Ether	Proprietary	50 ppm	20 ppm	25.0 – 31.0
	Dimethyl Ketone	67-64-1	1000 ppm	500 ppm	25.0 – 50.0
Pineapple	Ethoxy Propanol	1569-02-4	Not Established	Not Established	48.3 – 55.2
	Dye Molecule	Proprietary	15 mg/m ³	10 mg/m ³	13.8 – 20.7
	Glycol Ether	Proprietary	50 ppm	20 ppm	25.0 – 31.0
	Dimethyl Ketone	67-64-1	1000 ppm	500 ppm	25.0 – 50.0
Pomegranate	Glycol Ether DB	112-34-5	50 ppm	20 ppm	13.8 – 20.7
	Ethoxy Propanol	1569-02-4	Not Established	Not Established	0.7 – 3.5

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	Glycol Ether PM Alcohol Dihydrogen Oxide Dye Molecule Glycol Ether Dimethyl Ketone	107-98-2 7732-18-5 Proprietary Proprietary 67-64-1	Not Established Not Established 0.5 mg/m ³ 50 ppm 1000 ppm	100 ppm Not Established Not Established 20 ppm 500 ppm	0.7 – 3.5 0.0 – 10.0 30.0 – 44.0 25.0 – 31.0 25.0 – 50.0
Red Berry	Ethoxy Propanol Dihydrogen Oxide Dye Molecule Glycol Ether Dimethyl Ketone	1569-02-4 7732-18-5 Proprietary Proprietary 67-64-1	Not Established Not Established 15 mg/m ³ 50 ppm 1000 ppm	Not Established Not Established 10 mg/m ³ 20 ppm 500 ppm	20.7 – 27.6 13.9 – 30.0 20.7 – 27.6 25.0 – 31.0 25.0 – 50.0
Rhubarb	Glycol Ether DB Ethyl Lactate Dye Molecule Glycol Ether Dimethyl Ketone	111-34-5 97-64-3 Proprietary Proprietary 67-64-1	50 ppm Not Established 15 mg/m ³ 50 ppm 1000 ppm	20 ppm Not Established 10 mg/m ³ 20 ppm 500 ppm	34.5 – 41.4 6.9 – 13.8 13.8 – 20.0 25.0 – 31.0 25.0 – 50.0
Roasted Pepper	Ethoxy Propanol Dihydrogen Oxide Dye Molecule Glycol Ether Dimethyl Ketone	1569-02-4 7732-18-5 Proprietary Proprietary 67-64-1	Not Established Not Established 15 mg/m ³ 50 ppm 1000 ppm	Not Established Not Established 10 mg/m ³ 20 ppm 500 ppm	27.6 – 34.5 13.8 – 31.1 10.4 – 20.7 25.0 – 31.0 25.0 – 50.0
Root Beer	Ethoxy Propanol Dihydrogen Oxide Dye Molecule Glycol Ether Dimethyl Ketone	1569-02-4 7732-18-5 Proprietary Proprietary 67-64-1	Not Established Not Established Not Established 50 ppm 1000 ppm	Not Established Not Established Not Established 20 ppm 500 ppm	34.5 – 41.4 6.9 – 20.7 13.8 – 20.7 25.0 – 31.0 25.0 – 50.0
Sweet Potato	Glycol Ether DPM Ethoxy Propanol Dye Molecule Glycol Ether Dimethyl Ketone	34590-94-8 1569-02-4 Proprietary Proprietary 67-64-1	Not Established Not Established Not Established 50 ppm 1000 ppm	100 ppm Not Established Not Established 20 ppm 500 ppm	20.7 – 27.6 13.8 – 20.7 20.7 – 34.5 25.0 – 31.0 25.0 – 50.0
Thistle Green	Ethoxy Propanol Glycol Ether PM Alcohol Glycol Ether DB Dye Molecule Glycol Ether Dimethyl Ketone	1569-02-4 107-98-2 112-34-5 Proprietary Proprietary 67-64-1	Not Established Not Established 50 ppm 15 mg/m ³ 50 ppm 1000 ppm	Not Established 100 ppm 20 ppm 10 mg/m ³ 20 ppm 500 ppm	34.5 – 41.4 3.5 – 6.9 0.7 – 3.5 17.3 – 30.4 25.0 – 31.0 25.0 – 50.0
Warm Honey	Ethoxy Propanol Glycol Ether DPM Dye Molecule Glycol Ether Dimethyl Ketone	1569-02-4 34590-94-8 Proprietary Proprietary 67-64-1	Not Established Not Established Not Established 50 ppm 1000 ppm	Not Established Not Established Not Established 20 ppm 500 ppm	41.4 – 48.3 0.7 – 3.5 17.3 – 26.9 25.0 – 31.0 25.0 – 50.0

Section 4 First Aid Measures

Emergency First Aid Procedures

Skin: Remove contaminated clothing and wash the affected area with soap and water. Call a physician if skin irritation persists.

Eyes: Immediately flush with plenty of water. After initial rinsing, remove contacts (if present) and continue rinsing for 15 more minutes. If symptoms persist, call a physician.

Inhalation: Remove to fresh air. Administer artificial respiration if necessary. Call a physician if symptoms persist.

Ingestion: DO NOT induce vomiting. Rinse mouth thoroughly with water. Drink plenty of water dilute the material. Never give anything by mouth to an unconscious person. Consult a physician.

Section 5 Firefighting Procedures

Extinguishing Media: Dry chemical, alcohol-resistant foam, water spray, or CO2

Flammable Limits (% volume in air for solvents): LEL: Not Determined UEL: Not Determined

Special Fire Fighting Procedures: Keep material and container away from sources of ignition. Use SCBA when fighting fire.

Section 6 Spill or Leak Procedures

Small Spills: Spills may be absorbed using inert materials and shoveled into properly-labeled containers. Take precautionary measures against static discharge. Prevent runoff from entering surface waters. Notify proper authorities if runoff should occur.

Large Spill Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

Cleanup: Spills may be absorbed using inert materials and shoveled into properly-labeled containers. Take precautionary measures against static discharge. Prevent runoff from entering surface waters. Notify proper authorities if runoff should occur.

Disposal Regulatory Requirements: Follow applicable Federal, state, and local regulations.

Container Cleaning and Disposal: Containers must not be washed out or used for other purposes. Do not weld or flame cut empty containers.

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Waste Codes: Black Orchid, Pineapple, Red Berry, Roasted Pepper and Root Beer colors carry D001 & D007 codes. Blueberry, Coffee, Dandelion, Malt Brown, Maple Syrup, Thistle Green, Concord Blue, & Warm Honey colors carry D001 code. Pomegranate, Rhubarb, & Sweet Potato colors carry D007 code.

Section 7 Handling and Storage

Normal Handling: Keep away from heat or ignition sources. Use only in well ventilated areas. Never pierce, saw, cut, grind, or weld empty containers.

Storage: Store material in its original container. Keep containers tightly closed when not in use.

Waste Disposal Method: Dispose of material in accordance with federal, state, and local guidelines.

Special Precautions: Avoid breathing mist. Avoid freezing

Section 8 Protection Information

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear an OSHA/NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contaminations, and presence of sufficient oxygen. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA.

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact.

Eye Protection: Wear protective eyeglasses or chemical safety goggles, per OSHA eye and face protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 Physical Data

Appearance: Colored liquid

Odor: Ketone

Odor Threshold: No data available

pH: 6 - 10

Melting Point: Not determined

Freezing Point: <32° F

Boiling Point: 125° F (102 °C)

Flash Point: 0° F

Evaporation Rate: Not determined

Flammability (solid, gas): Flammable liquid

Upper/lower Flammability: N/A

Vapor Pressure: Not determined

Vapor Density: Not determined

Relative Density: 1.01-1.11

Water Solubility: 100%

Partition Coefficient: No data available

Auto-ignition Temperature: N/A

Decomposition temperature: Not determined

Viscosity: Not determined

Specific Gravity (H2O=1, at 4 °C): 1.01-1.11

Section 10 Reactivity Data

Reactivity: Stable under normal conditions.

Conditions to avoid: Heat, open flame, reactive metals, and strong oxidizers.

Incompatibility (Materials to Avoid): None known.

Hazardous Decomposition (Byproducts): May emit toxic fumes under fire conditions.

Hazardous Polymerization: Will not occur.

Section 11 Toxicity Data

Routes of Exposure: Inhalation, ingestion, eyes, and skin.

Acute Toxicity Estimates (ATE):

Black Orchid:	LC50 (inhl) 25.3 mg/m ³ LD50 (oral) 6250 mg/kg LD50 (skin) 5128 mg/kg	Red Berry:	LC50 (inhl) 33.1 mg/m ³ LD50 (oral) 8197 mg/kg LD50 (skin) 5435 mg/kg
Concord Blue:	LC50 (inhl) 26.8 mg/m ³ LD50 (oral) 5181 mg/kg LD50 (skin) 3247 mg/kg	Rhubarb:	LC50 (inhl) No Data Available LD50 (oral) 3876 mg/kg LD50 (skin) 2994 mg/kg
Blueberry:	LC50 (inhl) 26.8 mg/m ³ LD50 (oral) 6289 mg/kg LD50 (skin) 5236 mg/kg	Roasted Pepper:	LC50 (inhl) 28.8 mg/m ³ LD50 (oral) 6024 mg/kg LD50 (skin) 4808 mg/kg
Coffee:	LC50 (inhl) 29.7 mg/m ³ LD50 (oral) 5102 mg/kg LD50 (skin) 3509 mg/kg	Root Beer:	LC50 (inhl) 28.0 mg/m ³ LD50 (oral) 5714 mg/kg LD50 (skin) 4695 mg/kg
Dandelion:	LC50 (inhl) 32.1 mg/m ³ LD50 (oral) 6579 mg/kg LD50 (skin) 4673 mg/kg	Sweet Potato:	LC50 (inhl) 33.9 mg/m ³ LD50 (oral) 5780 mg/kg LD50 (skin) 4717 mg/kg
Malt Brown:	LC50 (inhl) 28.5 mg/m ³ LD50 (oral) 5376 mg/kg LD50 (skin) 4464 mg/kg	Thistle Green:	LC50 (inhl) 30.2 mg/m ³ LD50 (oral) 5882 mg/kg LD50 (skin) 4717 mg/kg
Maple Syrup:	LC50 (inhl) 28.1 mg/m ³ LD50 (oral) 5747 mg/kg LD50 (skin) 4717 mg/kg	Warm Honey:	LC50 (inhl) 28.0 mg/m ³ LD50 (oral) 5650 mg/kg LD50 (skin) 4673 mg/kg
Pineapple:	LC50 (inhl) 27.7 mg/m ³ LD50 (oral) 5587 mg/kg LD50 (skin) 4651 mg/kg		
Pomegranate:	LC50 (inhl) 39.4 mg/m ³ LD50 (oral) 4950 mg/kg LD50 (skin) 3289 mg/kg		

Skin Contact: May cause skin irritation. Prolonged or repeated exposure can defat the skin.

Eye Contact: Category 2 Eye Irritants will cause serious eye irritation. Category 1 Eye Irritants will cause serious eye damage.

Inhalation: May depress the central nervous system, causing dizziness and/or drowsiness.

Ingestion: May cause irritation of the skin inside the mouth, nausea, or stomach cramps/discomfort.

Carcinogen: Black Orchid, Pineapple, Red Berry, Roasted Pepper, Root Beer and Sweet Potato colors contain trivalent chromium compounds in solution. Trivalent chromium is IARC Group 3 – which is not classifiable as to its carcinogenicity to humans.

Aggravation of Pre-existing Conditions: Inhalation of fumes may aggravate existing lung problems.

Section 12 Ecological Data

Aquatic Toxicity (calculated):

Black Orchid:	LC50 (fish) 44.8 mg/L LC50 (inv.) 2941 mg/L EC50 (plants) No Data Available	Red Berry:	LC50 (fish) 3584 mg/L LC50 (inv.) No Data Available EC 50 (plants) No Data Available
Concord Blue:	LC50 (fish) 1923 mg/L LC50 (inv.) 3734 mg/L EC50 (plants) 149.6 mg/L	Rhubarb:	LC50 (fish) 1350 mg/L LC50 (inv.) 2262 mg/L EC50 (plants) No Data Available
Blueberry:	LC50 (fish) 29.9 mg/L LC50 (inv.) 4348 mg/L EC50 (plants) No Data Available	Roasted Pepper:	LC50 (fish) 3584 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available
Coffee:	LC50 (fish) 2857 mg/L	Root Beer:	LC50 (fish) 3584 mg/L

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	LC50 (inv.) No Data Available EC50 (plants) No Data Available		LC50 (inv.) No Data Available EC50 (plants) No Data Available
Dandelion:	LC50 (fish) 2809 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available	Sweet Potato:	LC50 (fish) 3584 mg/L LC50 (inv.) 1786 mg/L EC50 (plants) No Data Available
Malt Brown:	LC50 (fish) 3205 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available	Thistle Green:	LC50 (fish) 211.4 mg/L LC50 (inv.) 3322 mg/L EC50 (plants) No Data Available
Maple Syrup:	LC50 (fish) 3584 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available	Warm Honey:	LC50 (fish) 3584 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available
Pineapple:	LC50 (fish) 3584 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available		
Pomegranate:	LC50 (fish) 209.7 mg/L LC50 (inv.) 2439 mg/L EC50 (plants) 141.4 mg/L		

Persistence and Degradability: No data available
Bioaccumulation Potential: Potential for bioaccumulation of metals
Mobility in the Soil: Highly mobile in wet soil
Other Adverse Effects: None

Section 13 Disposal Information

Waste Disposal Method: Dispose of material in accordance with all Federal, State, and Local regulations.

Section 14 Transport Information

US DOT Domestic Ground:

Proper Shipping Name: Non-Regulated Material

Hazard Class: N/A

UN: N/A

Packing Group: N/A

Marine Pollutant: No.

IATA:

Proper Shipping Name:

Paint Related Material (Black Orchid, Blueberry, Coffee, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Root Beer, & Thistle Green colors)

Non-Regulated Material (Concord Blue, Pomegranate, Rhubarb, Sweet Potato & Warm Honey colors)

Hazard Class: 3 (Black Orchid, Blueberry, Coffee, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Root Beer & Thistle Green colors)

N/A (Concord Blue, Pomegranate, Rhubarb, Sweet Potato & Warm Honey colors)

UN: 1263 (Black Orchid, Blueberry, Coffee, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Rootbeer, & Thistle Green colors)

N/A (Concord Blue, Pomegranate, Rhubarb, Sweet Potato & Warm Honey colors)

Packing Group: III (Black Orchid, Blueberry, Coffee, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Rootbeer, & Thistle Green colors)

N/A (Concord Blue, Pomegranate, Rhubarb, Sweet Potato & Warm Honey colors)

IMDG:

Proper Shipping Name:

Paint Related Material (Black Orchid, Blueberry, Coffee, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Root Beer, & Thistle Green colors)

Non-Regulated Material (Concord Blue, Pomegranate, Rhubarb, Sweet Potato & Warm Honey colors)

Hazard Class: 3 (Black Orchid, Blueberry, Coffee, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Root Beer, & Thistle Green colors)

N/A (Concord Blue, Pomegranate, Rhubarb, Sweet Potato & Warm Honey colors)

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UN: 1263 (Black Orchid, Blueberry, Coffee, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Root Beer, & Thistle Green colors)

N/A (Concord Blue, Pomegranate, Rhubarb, Sweet Potato & Warm Honey colors)

Packing Group: III (Black Orchid, Blueberry, Coffee, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Rootbeer, & Thistle Green colors)

N/A (Concord Blue, Pomegranate, Rhubarb, Sweet Potato & Warm Honey colors)

Section 15 Regulatory Information

RCRA Hazardous Waste Number (40 CFR 261.33): Possibly D002 or D007

<u>Color</u>	<u>SARA 313</u>	<u>SARA311/312</u>
Black Orchid	Yes (CAS 34590-94-8, Proprietary Glycol Ether)	Yes (Acute, Fire)
Concord Blue	Yes (CAS 112-34-5, Proprietary Glycol Ether)	Yes (Acute, Fire)
Blueberry	Yes (Proprietary Glycol Ether)	Yes (Acute, Fire)
Coffee	Yes (CAS 1569-02-4, 2807-30-9, 112-34-5, 34590-94-8, Proprietary Glycol Ether)	Yes (Acute, Fire)
Dandelion	Yes (CAS 1569-02-4, 112-34-5, Proprietary Glycol Ether)	Yes (Acute, Fire)
Malt Brown	Yes (CAS 1569-02-4, 112-34-5, 34590-94-8, Proprietary Glycol Ether)	Yes (Acute, Fire)
Maple Syrup	Yes (CAS 1569-02-4, Proprietary Glycol Ether)	Yes (Acute, Fire)
Pineapple	Yes (CAS 1569-02-4, Proprietary Glycol Ether)	Yes (Acute, Fire)
Pomegranate	Yes (CAS 112-34-5, 1569-02-4, Proprietary Glycol Ether)	Yes (Acute, Fire)
Red Berry	Yes (CAS 1569-02-4, Proprietary Glycol Ether)	Yes (Acute, Fire)
Rhubarb	Yes (CAS 111-34-5, Proprietary Glycol Ether)	Yes (Acute, Fire)
Roasted Pepper	Yes (CAS 1569-02-4, Proprietary Glycol Ether)	Yes (Acute, Fire)
Rootbeer	Yes (CAS 1569-02-4, Proprietary Glycol Ether)	Yes (Acute, Fire)
Sweet Potato	Yes (CAS 34590-94-8, 1569-02-4, Proprietary Glycol Ether)	Yes (Acute, Fire)
Thistle Green	Yes (CAS 1569-02-4, 112-34-5, Proprietary Glycol Ether)	Yes (Acute, Fire)
Warm Honey	Yes (CAS 1569-02-4, 34590-94-8, Proprietary Glycol Ether)	Yes (Acute, Fire)

State Regulations:

<u>Component:</u>	<u>CAS</u>	<u>Massachusetts</u>	<u>New Jersey</u>	<u>Pennsylvania</u>	<u>Illinois</u>
Glycol Ether PM Alcohol	107-98-2	Yes	Yes	Yes	No
Glycol Ether DPM	34590-94-8	Yes	Yes	Yes	Yes
Dye Molecule	Proprietary	No	Yes	Yes	Yes
Glycol Ether	Proprietary	Yes	Yes	Yes	Yes
Glycol Ether DB	112-34-5	No	Yes	Yes	Yes
Propylene Glycol	57-55-6	No	Yes	Yes	No
2-Propoxyethanol	2807-30-9	No	Yes	Yes	Yes
Ethyl Lactate	97-64-3	Yes	Yes	Yes	No

California Prop. 65: None of these products contain chemical(s) known to the state of California to cause cancer and/or birth defects.

Section 16 Additional Information

The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.

DISCLAIMER: Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof.