

Safety Data Sheet

Interior Concrete Dye

Section 1

Product Description

Product Name: Interior Concrete Dye (all colors)
Recommended Use: Staining concrete
Supplier: Eagle I.F.P. Company, PO Box 100431, Nashville, TN 37224, 615-872-2710
Emergency Phone: INFOTRAC 1-800-535-5035

Section 2

Hazard identification

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

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

Flammable Liquid: Category 3

Acute Inhalation Toxicity: Category 5

Acute Dermal Toxicity: Category 5

Eye Irritation: Category 2A

Skin Irritation: Category 2



Signal Word:

Warning

Hazard Statements:

H226 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 3

Acute Inhalation Toxicity: Category 5

Eye Irritation: Category 2A

Skin Irritation: Category 2

Eagle Interior Concrete Dye Rev. Date 4/28/2015

Safety Data Sheet



Signal Word:

Warning

Hazard Statements:

H226 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

Cola & Malt Brown Colors:

Eye Irritation: Category 2A

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

Flammable Liquid: Category 3

Acute Inhalation Toxicity: Category 5

Acute Dermal Toxicity: Category 5

Skin Irritation: Category 2



Signal Word:

Warning

Hazard Statements:

H226 Flammable liquid and vapor
H319 Causes serious eye irritation
H313 May be harmful in contact with skin
H333 May be harmful if inhaled

Safety Data Sheet

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

Blue Poppy & Pomegranate Colors:

Eye Irritation: Category 2A

Flammable Liquid: Category 4

Acute Inhalation Toxicity: Category 5

Acute Dermal Toxicity: Category 5

Skin Irritation: Category 2



Signal Word:

Warning

Hazard Statements:

H227 Combustible liquid
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

Safety Data Sheet

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 4

Acute Inhalation Toxicity: Category 5

Acute Dermal Toxicity: Category 5

Eye Irritation: Category 2A

Skin Irritation: Category 2



Signal Word:

Warning

Hazard Statements:

H227 Combustible liquid

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:

Safety Data Sheet

Eye Damage/Irritation: Category 1
Flammable Liquid: Category 4
Acute Oral Toxicity: Category 5
Acute Dermal Toxicity: Category 5
Skin Irritation: Category 2



Signal Word:

Danger

Hazard Statements:

H227 Combustible liquid
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

Violet Color:

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



Signal Word:

Warning

Safety Data Sheet

Hazard Statements:

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

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 |
| Blue Poppy | 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 |
| 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 |
| Cola | 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 |
| 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 |
| 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 |
| 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 |
| 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 |

Safety Data Sheet

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

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.

Safety Data Sheet

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

Waste Codes: Black Orchid, Pineapple, Red Berry, Roasted Pepper, Rootbeer, & Violet colors carry D001 & D007 codes. Blueberry, Cola, Dandelion, Malt Brown, Maple Syrup, Thistle Green, Blue Poppy, & 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: Glycol Ether

Odor Threshold: No data available

pH: 6 - 10

Melting Point: Not determined

Freezing Point: <32° F

Boiling Point: 215° F (102 °C)

Flash Point:

Black Orchid: 110° F

Blue Poppy: 150° F

Blueberry: 120° F

Cola: 126° F

Dandelion: 126° F

Malt Brown: 126° F

Maple Syrup: 126° F

Pineapple: 116° F

Pomegranate: 150° F

Red Berry: 125° F

Rhubarb: 150° F

Roasted Pepper: 135° F

Rootbeer: 135° F

Sweet Potato: 150° F

Thistle Green: 129° F

Violet: 150° F

Warm Honey: 150° F

Evaporation Rate: Not determined

Flammability (solid, gas): Combustible 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

Safety Data Sheet

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/m3 LD50 (oral) 6250 mg/kg LD50 (skin) 5128 mg/kg | Red Berry: | LC50 (inhl) 33.1 mg/m3 LD50 (oral) 8197 mg/kg LD50 (skin) 5435 mg/kg |
| Blue Poppy: | LC50 (inhl) 26.8 mg/m3 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/m3 LD50 (oral) 6289 mg/kg LD50 (skin) 5236 mg/kg | Roasted Pepper: | LC50 (inhl) 28.8 mg/m3 LD50 (oral) 6024 mg/kg LD50 (skin) 4808 mg/kg |
| Cola: | LC50 (inhl) 29.7 mg/m3 LD50 (oral) 5102 mg/kg LD50 (skin) 3509 mg/kg | Rootbeer: | LC50 (inhl) 28.0 mg/m3 LD50 (oral) 5714 mg/kg LD50 (skin) 4695 mg/kg |
| Dandelion: | LC50 (inhl) 32.1 mg/m3 LD50 (oral) 6579 mg/kg LD50 (skin) 4673 mg/kg | Sweet Potato: | LC50 (inhl) 33.9 mg/m3 LD50 (oral) 5780 mg/kg LD50 (skin) 4717 mg/kg |
| Malt Brown: | LC50 (inhl) 28.5 mg/m3 LD50 (oral) 5376 mg/kg LD50 (skin) 4464 mg/kg | Thistle Green: | LC50 (inhl) 30.2 mg/m3 LD50 (oral) 5882 mg/kg LD50 (skin) 4717 mg/kg |
| Maple Syrup: | LC50 (inhl) 28.1 mg/m3 LD50 (oral) 5747 mg/kg LD50 (skin) 4717 mg/kg | Violet: | LC50 (inhl) 30.9 mg/m3 LD50 (oral) 6993 mg/kg LD50 (skin) 5128 mg/kg |
| Pineapple: | LC50 (inhl) 27.7 mg/m3 LD50 (oral) 5587 mg/kg LD50 (skin) 4651 mg/kg | Warm Honey: | LC50 (inhl) 28.0 mg/m3 LD50 (oral) 5650 mg/kg LD50 (skin) 4673 mg/kg |
| Pomegranate: | LC50 (inhl) 39.4 mg/m3 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, Rootbeer, Sweet Potato, and Violet 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 |
|---------------|---|------------|--|

Safety Data Sheet

| | | | |
|--------------|---|-----------------|---|
| Blue Poppy: | 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 |
| Cola: | LC50 (fish) 2857 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available | Rootbeer: | LC50 (fish) 3584 mg/L 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 | Violet: | 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 | Warm Honey: | 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, Cola, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Rootbeer, & Thistle Green colors)

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

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

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

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

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

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

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

Safety Data Sheet

IMDG:

Proper Shipping Name:

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

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

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

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

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

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

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

N/A (Blue Poppy, Pomegranate, Rhubarb, Sweet Potato, Violet, & 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) |
| Blue Poppy | Yes (CAS 112-34-5, Proprietary Glycol Ether) | Yes (Acute, Fire) |
| Blueberry | Yes (Proprietary Glycol Ether) | Yes (Acute, Fire) |
| Cola | 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) |
| Violet | Yes (CAS 1569-02-4, 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

Safety Data Sheet

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.