

1. Identification

Product identifier STREETBOND COLORANT CELTIC GREEN

Other means of identification

Product Code

Recommended use Colorant.

Manufacturer/Importer/Supplier/Distributor information

Distributor

Company name Siplast
1000 Rochelle Blvd.
Irving, TX 75062 USA

Telephone 1-800-922-8800

Emergency phone number CHEMTREC [DAY OR NIGHT] 1-800-424-9300
Within USA and CANADA 1-800-424-9300
Outside USA and Canada: 1-703-741-5970

1. Hazard(s) identification

Physical hazards Not classified.

Health hazards Carcinogenicity Category 2
Specific target organ toxicity, repeated exposure Category 1

Environmental hazards Hazardous to the aquatic environment, acute hazard Category 2
Hazardous to the aquatic environment, long-term hazard Category 3

OSHA defined hazards Not classified.

Label elements

Signal word Danger

Hazard statement Suspected of causing cancer. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response If exposed or concerned: Get medical advice/attention.

Storage Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

2. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|--|--------------------------|------------|-----------|
| Ethylene Glycol | | 107-21-1 | 5 to <10 |
| Titanium Dioxide | | 13463-67-7 | 5 to <10 |
| BARIUM SULFATE | | 7727-43-7 | 1 to <5 |
| Diethylene Glycol | | 111-46-6 | 1 to <5 |
| Propylene Glycol | | 57-55-6 | 1 to <5 |
| TRIBUTYL PHOSPHATE | | 126-73-8 | 1 to <5 |
| Other components below reportable levels | | | 70 to <80 |

3. First-aid measures

| | |
|---|--|
| Inhalation | Not available. |
| Skin contact | Wash off with soap and water. Get medical attention if irritation develops and persists. |
| Eye contact | Rinse with water. Get medical attention if irritation develops and persists. |
| Ingestion | Rinse mouth. Get medical attention if symptoms occur. |
| Most important symptoms/effects, acute and delayed | Prolonged exposure may cause chronic effects. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. |
| General information | IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

4. Fire-fighting measures

| | |
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| Suitable extinguishing media | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | During fire, gases hazardous to health may be formed. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire fighting equipment/instructions | Move containers from fire area if you can do so without risk. |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. |
| General fire hazards | No unusual fire or explosion hazards noted. |

5. Accidental release measures

| | |
|--|--|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
| Methods and materials for containment and cleaning up | <p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</p> |

Environmental precautions Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

6. Handling and storage

Precautions for safe handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist or vapor. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

7. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components | Type | Value | Form |
|-----------------------------------|------|----------|----------------------|
| BARIUM SULFATE (CAS 7727-43-7) | PEL | 5 mg/m3 | Respirable fraction. |
| | | 15 mg/m3 | Total dust. |
| Titanium Dioxide (CAS 13463-67-7) | PEL | 15 mg/m3 | Total dust. |
| TRIBUTYL PHOSPHATE (CAS 126-73-8) | PEL | 5 mg/m3 | |

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|-----------------------------------|---------|-----------|-------------------------------|
| BARIUM SULFATE (CAS 7727-43-7) | TWA | 5 mg/m3 | Inhalable fraction. |
| Ethylene Glycol (CAS 107-21-1) | Ceiling | 100 mg/m3 | Aerosol. |
| Titanium Dioxide (CAS 13463-67-7) | TWA | 10 mg/m3 | |
| TRIBUTYL PHOSPHATE (CAS 126-73-8) | TWA | 5 mg/m3 | Inhalable fraction and vapor. |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value | Form |
|-----------------------------------|------|-----------|-------------|
| BARIUM SULFATE (CAS 7727-43-7) | TWA | 5 mg/m3 | Respirable. |
| | | 10 mg/m3 | Total |
| TRIBUTYL PHOSPHATE (CAS 126-73-8) | TWA | 2.5 mg/m3 | |
| | | 0.2 ppm | |

US. Workplace Environmental Exposure Level (WEEL) Guides

| Components | Type | Value | Form |
|----------------------------------|------|----------|----------|
| Diethylene Glycol (CAS 111-46-6) | TWA | 10 mg/m3 | |
| Propylene Glycol (CAS 57-55-6) | TWA | 10 mg/m3 | Aerosol. |

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection If contact is likely, safety glasses with side shields are recommended.

Skin protection

Hand protection For prolonged or repeated skin contact use suitable protective gloves.

Other Wear suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

| | |
|---------------------------------------|---|
| Thermal hazards | Wear appropriate thermal protective clothing, when necessary. |
| General hygiene considerations | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. |

8. Physical and chemical properties

Appearance

| | |
|--|-----------------|
| Physical state | Liquid. |
| Form | Liquid. |
| Color | Green. |
| Odor | Not available. |
| Odor threshold | Not available. |
| pH | Not available. |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | Not available. |
| Flash point | Not available. |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not applicable. |

Upper/lower flammability or explosive limits

| | |
|---------------------------------------|----------------|
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |

| | |
|--|----------------|
| Vapor pressure | Not available. |
| Vapor density | Not available. |
| Relative density | Not available. |
| Solubility(ies) | |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |

Other information

| | |
|---------------------------|--|
| Density | 10.71 lbs/gal |
| Flammability class | Not available. |
| Percent volatile | 49.34 % |
| Specific gravity | 1.29 |
| VOC | 518.662825 g/l Regulatory estimated 502.748083 g/l Material estimated 4.328322 lbs/gal Regulatory estimated 4.195511 lbs/gal Material estimated |

9. Stability and reactivity

| | |
|---|---|
| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| Incompatible materials | Strong oxidizing agents. |

Hazardous decomposition products

No hazardous decomposition products are known.

10. Toxicological information

Information on likely routes of exposure

| | |
|---------------------|---|
| Inhalation | May cause damage to organs through prolonged or repeated exposure by inhalation. Prolonged inhalation may be harmful. |
| Skin contact | No adverse effects due to skin contact are expected. |
| Eye contact | Direct contact with eyes may cause temporary irritation. |
| Ingestion | Expected to be a low ingestion hazard. |

Symptoms related to the physical, chemical and toxicological characteristics

Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity

| Components | Species | Test Results |
|-----------------------------------|------------|-------------------|
| Diethylene Glycol (CAS 111-46-6) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 11890 mg/kg |
| Oral | | |
| LD50 | Guinea pig | 8700 mg/kg |
| | Mouse | 13.3 g/kg |
| | Rabbit | 26.9 g/kg |
| | Rat | 12565 mg/kg |
| Ethylene Glycol (CAS 107-21-1) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 9530 mg/kg |
| Oral | | |
| LD50 | Guinea pig | 8.2 g/kg |
| | Mouse | 14.6 g/kg |
| | Rat | 5.89 g/kg |
| Propylene Glycol (CAS 57-55-6) | | |
| Acute | | |
| Oral | | |
| LD50 | Guinea pig | 18.4 g/kg |
| | Mouse | 23.9 g/kg |
| | Rabbit | 18 g/kg |
| | Rat | 30 g/kg |
| TRIBUTYL PHOSPHATE (CAS 126-73-8) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 3100 mg/kg |
| Inhalation | | |
| LC50 | Rat | 123 mg/l, 6 Hours |
| Oral | | |
| LD50 | Hen | 1863 mg/kg |
| | Mouse | 1189 mg/kg |

| Components | Species | Test Results |
|------------|---------|--------------|
| | Rat | 3 g/kg |

* Estimates for product may be based on additional component data not shown.

| | |
|---|--|
| Skin corrosion/irritation | Prolonged skin contact may cause temporary irritation. |
| Serious eye damage/eye irritation | Direct contact with eyes may cause temporary irritation. |
| Respiratory or skin sensitization | |
| Respiratory sensitization | Not a respiratory sensitizer. |
| Skin sensitization | This product is not expected to cause skin sensitization. |
| Germ cell mutagenicity | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| Carcinogenicity | Suspected of causing cancer. |
| IARC Monographs. Overall Evaluation of Carcinogenicity | |
| Titanium Dioxide (CAS 13463-67-7) | 2B Possibly carcinogenic to humans. |
| OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) | |
| Not listed. | |
| Reproductive toxicity | This product is not expected to cause reproductive or developmental effects. |
| Specific target organ toxicity - single exposure | Not classified. |
| Specific target organ toxicity - repeated exposure | Causes damage to organs through prolonged or repeated exposure. |
| Aspiration hazard | Not an aspiration hazard. |
| Chronic effects | Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. |

11. Ecological information

| Components | Species | Test Results |
|--|---------|--|
| Ecotoxicity Toxic to aquatic life. Harmful to aquatic life with long lasting effects. | | |
| BARIUM SULFATE (CAS 7727-43-7) | | |
| Aquatic | | |
| Crustacea | EC50 | Tubificid worm (Tubifex tubifex) 28.61 - 38.03 mg/l, 48 hours |
| Diethylene Glycol (CAS 111-46-6) | | |
| Aquatic | | |
| Fish | LC50 | Western mosquitofish (Gambusia affinis) > 32000 mg/l, 96 hours |
| Ethylene Glycol (CAS 107-21-1) | | |
| Aquatic | | |
| Fish | LC50 | Fathead minnow (Pimephales promelas) 8050 mg/l, 96 hours |
| Propylene Glycol (CAS 57-55-6) | | |
| Aquatic | | |
| Crustacea | EC50 | Water flea (Daphnia magna) > 10000 mg/l, 48 hours |
| Fish | LC50 | Fathead minnow (Pimephales promelas) 710 mg/l, 96 hours |
| Titanium Dioxide (CAS 13463-67-7) | | |
| Aquatic | | |
| Crustacea | EC50 | Water flea (Daphnia magna) > 1000 mg/l, 48 hours |
| Fish | LC50 | Mummichog (Fundulus heteroclitus) > 1000 mg/l, 96 hours |
| TRIBUTYL PHOSPHATE (CAS 126-73-8) | | |
| Aquatic | | |
| Fish | LC50 | Fathead minnow (Pimephales promelas) 1 - 10 mg/l, 96 hours |

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

| | |
|------------------|-------|
| Ethylene Glycol | -1.36 |
| Propylene Glycol | -0.92 |

Mobility in soil No data available.**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.**12. Disposal considerations****Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.**Local disposal regulations** Dispose in accordance with all applicable regulations.**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.**13. Transport information****DOT**

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.**14. Regulatory information****US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

BARIUM SULFATE (CAS 7727-43-7) Listed.

Ethylene Glycol (CAS 107-21-1) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)**Hazard categories** Immediate Hazard - No
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No**SARA 302 Extremely hazardous substance**

Not listed.

SARA 311/312 Hazardous chemical No**SARA 313 (TRI reporting)**

| Chemical name | CAS number | % by wt. |
|-----------------|------------|----------|
| Ethylene Glycol | 107-21-1 | 5 to <10 |

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Ethylene Glycol (CAS 107-21-1)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Ethylene Glycol (CAS 107-21-1)

Titanium Dioxide (CAS 13463-67-7)

US. Massachusetts RTK - Substance List

BARIUM SULFATE (CAS 7727-43-7)

Ethylene Glycol (CAS 107-21-1)

Titanium Dioxide (CAS 13463-67-7)

TRIBUTYL PHOSPHATE (CAS 126-73-8)

US. New Jersey Worker and Community Right-to-Know Act

BARIUM SULFATE (CAS 7727-43-7)

Ethylene Glycol (CAS 107-21-1)

Propylene Glycol (CAS 57-55-6)

Titanium Dioxide (CAS 13463-67-7)

TRIBUTYL PHOSPHATE (CAS 126-73-8)

US. Pennsylvania Worker and Community Right-to-Know Law

BARIUM SULFATE (CAS 7727-43-7)

Diethylene Glycol (CAS 111-46-6)

Ethylene Glycol (CAS 107-21-1)

Propylene Glycol (CAS 57-55-6)

Titanium Dioxide (CAS 13463-67-7)

TRIBUTYL PHOSPHATE (CAS 126-73-8)

US. Rhode Island RTK

Ethylene Glycol (CAS 107-21-1)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Titanium Dioxide (CAS 13463-67-7)

Listed: September 2, 2011

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

15. Other information, including date of preparation or last revision

| | |
|-----------------------------|--|
| Revision date | 05/03/2019 |
| Version # | 01 |
| HMIS® ratings | Health: 1* Flammability: 0 Physical hazard: 0 |
| NFPA ratings | Health: 0 Flammability: 0 Instability: 0 |
| Disclaimer | <p>This information relates to the specific material designated and may not be valid for such material used on combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness. Siplast cannot anticipate all conditions under which this information and product, or the products of other manufacturers in combination with this product, may be used. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his particular use. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. We do not accept liability for any loss or damage that may occur from the use of this information. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a license of valid patents.</p> |
| Revision Information | Product and Company Identification: Converted to Siplast SDS |