



Safety Data Sheet

Uni-Mix® Granular Integral Color

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THIS SDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

Section 1 Identification

PRODUCT IDENTITY: Uni-Mix® Granular Integral Color
PRODUCT USES: Concrete Colorant

COMPANY IDENTITY: Butterfield Color®
COMPANY ADDRESS: 625 W Illinois Ave
COMPANY CITY: Aurora, IL 60506
COMPANY PHONE: 1-630-906-1980
EMERGENCY PHONES: CHEMTREC: 1-800-424-9300 (USA)
CANUTEC: 1-613-996-6666 (CANADA)

Section 2, Hazard(s) identification

CLASSIFICATION:

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), the SDS contains valuable information critical to the safe handling and proper use of the product. The SDS should be retained and available for employees and other users of this product.

LABEL ELEMENTS:

Not a hazardous substance or mixture.

See Section 11 for more detailed information on health effects and symptoms.

There are no hazards not otherwise classified that have been identified during the classification process.

There are no ingredients with unknown acute toxicity used in a mixture at a concentration $\geq 1\%$.

Section 3, Composition / Information on Ingredients

Hazardous ingredients

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4, First Aid Measures

4.1 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE & DELAYED:

No known significant effects or hazards.

4.2 EYE CONTACT:

Flush eyes with water as a precaution. Remove contact lenses. Keep eye wide open while rinsing.

4.2 SKIN CONTACT:

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.

4.3 INHALATION:

Move to fresh air.

4.6 SWALLOWING:

Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

4.7 INSTRUCTION FOR PHYSICIANS:

No specific advice. Treat according to symptoms present.

4.8 PROTECTION OF FIRST-RESPONDERS:

No hazards which require special first aid measures.

Section 5, Fire Fighting Measures

5.1 SUITABLE EXTINGUISHING MEDIA:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 SUITABLE EXTINGUISHING METHODS:

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.3 SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

In the event of fire, wear self-contained breathing apparatus.

Section 6, Accidental Release Measures

6.1 ENVIRONMENTAL PRECAUTIONS:

Local authorities should be advised if significant spillages cannot be contained.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Keep in suitable, closed containers for disposal..

Section 7, Handling and Storage

7.1 PRECAUTIONS FOR SAFE HANDLING:

For personal protection see section 8. No special handling advice required. Follow standard hygiene measures when handling chemical products.

7.2 STORAGE RECOMMENDATIONS:

Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.

7.2 MATERIALS TO AVOID:

No data available.

Section 8, Exposure Controls / Personal Protective Equipment

Component	CAS-No.	Basis**	Value	Exposure limit(s)* / Form of exposure
Diiron trioxide	1309-37-1	ACGIH	TWA	5 mg/m ³ Respirable fraction
		OSHA P0	TWA	10 mg/m ³
		OSHA Z-1	TWA	10 mg/m ³ Fumes
		OSHA Z-1	TWA	15 mg/m ³ Total dust
		OSHA Z-1	TWA	5 mg/m ³ Respirable fraction
		OSHA P0	TWA	10 mg/m ³ Fumes
		NIOSH REL	TWA	5 mg/m ³ Dust and fume
		CAL PEL	PEL	10 mg/m ³ Total dust
		CAL PEL	PEL	5 mg/m ³ Respirable fraction
		CAL PEL	PEL	5 mg/m ³ Fumes

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

**Basis

ACGIH. Threshold Limit Values (TLV)

OSHA P0. Table Z-1, Limits for Air Contaminants (1989 Vacated Values)

NIOSH REL. NIOSH Pocket Guide to Chemical Hazards

CAL PEL. TABLE AC-1, Permissible Exposure Limits for Chemical Contaminants

8.1 APPROPRIATE ENGINEERING CONTROLS:

Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

8.2 INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION:

Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

SKIN PROTECTION:

Use chemical-resistant, impervious gloves complying with an approved standard at all times when handling chemical products if a risk assessment indicates this is necessary. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

EYE PROTECTION:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

WORK / HYGIENIC PRACTICES:

Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Avoid breathing dust..

Section 9, Physical & Chemical Properties

APPEARANCE:	Granular, color varies
ODOR:	Odorless
ODOR THRESHOLD:	Not Available
APPLICABLE MELTING POINT:	Not Available
BOILING POINT:	Not Available
FLASH POINT (TEST METHOD):	Not Applicable
EVAPORATION RATE (n-Butyl Acetate=1):	Not Available
FLAMMABILITY CLASSIFICATION:	Not Available
UPPER/LOWER FLAMMABLE LIMITS	Not Available
VAPOR PRESSURE (mm of Hg)@20° C	Not Available
DENSITY:	4 – 5 g/cm ³ at 68°F (20°C)
RELATIVE VAPOR DENSITY:	Not Available
WATER SOLUBILITY:	Slightly Soluble
PARTITION COEFFICIENT (n-Octane/Water):	Not Available
AUTO IGNITION TEMPERATURE:	Not Available
DECOMPOSITION TEMPERATURE:	Not Available
VOLATILES AS PERCENTAGE	Not applicable
OXIDIZING PROPERTIES	No data available
pH	4 - 10

Section 10, Stability & Reactivity

10.1 REACTIVITY & CHEMICAL STABILITY:

No dangerous reaction known under conditions of normal use. The product is chemically stable.

10.2 CONDITIONS TO AVOID:

No data available.

10.3 INCOMPATIBLE MATERIALS:

No data available.

10.4 HAZARDOUS DECOMPOSITION PRODUCTS:

Stable under recommended storage conditions.

Section 11, Toxicological Information

11.1: ACUTE TOXICITY: Not classified based on available information.

11.2 SKIN CORROSION/IRRITATION: Not classified based on available information.

11.3 SERIOUS EYE DAMAGE/IRRITATION: Not classified based on available information.

11.4 RESPIRATORY OR SKIN SENSITIZATION: Not classified based on available information.

11.5 GERM CELL MUTAGENICITY: Not classified based on available information.

11.6 CARCINOGENICITY: NTP CARCINOGEN: Not classified IARC CARCINOGEN: Not classified.

11.7 REPRODUCTIVE TOXICITY: Not classified.

11.8 STOST-SINGLE EXPOSURE: Not classified based on available information.

11.9 STOST-REPEATED EXPOSURE: Not classified based on available information.

11.10 ASPIRATION HAZARD: Not classified based on available information.

Section 12, Ecological Information

12.1 OTHER INFORMATION:

Do not empty into drains; dispose of this material and its container in a safe way.

Section 13, Disposal Considerations

13.1 WASTE DISPOSAL METHODS:

Waste from residues: Assume conformity with applicable disposal regulations. Preferred method of disposal is in closed containers of sufficient strength to eliminate leakage at approved incineration or chemical landfill waste disposal site in accordance with local regulations. Sewage disposal is discouraged.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14, Transportation Information

DOT: Not dangerous goods

IATA: Not dangerous goods

IMDG: Not dangerous goods.

SPECIAL PRECAUTIONS: No data available

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE: Not applicable

Section 15, Regulatory Information

15.1 TSCA LIST:

All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

15.2 CERCLA REPORTABLE QUANTITY:

This material does not contain any components with a CERCLA RQ.

15.3 SARA304 REPORTABLE QUANTITY:

This material does not contain any components with a section 304 EHS RQ.

15.4 SARA SECTION 311/312 HAZARDS: No Sara Hazards

Physical Hazards

- Explosive
- Flammable
- Oxidizer (liquid, solid or gas)
- Self-reactive
- Pyrophoric (liquid or solid)
- Pyrophoric Gas
- Self-heating
- Organic peroxide
- Corrosive to metal
- Gas under pressure (compressed gas)
- In contact with water emits flammable gas
- Combustible Dust
- Hazard Not Otherwise Not Otherwise Classified

Chemical Hazards

- Acute toxicity (any route of exposure)
- Skin corrosion or irritation
- Serious eye damage or eye irritation
- Respiratory or skin sensitization
- Germ cell mutagenicity
- Carcinogenicity
- Reproductive toxicity
- Specific target organ toxicity (single or repeated ex.)
- Aspiration hazard
- Simple Asphyxiant
- Hazard Not Otherwise Classified

15.5 SARA SECTION 313:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. (d).

15.6 OZONE-DEPLETION POTENTIAL/CLEAN AIR ACT:

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

15.7 CALIFORNIA PROP 65:

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Section 16, Other Information

16.1 HMIS CLASSIFICATION:

Caution: HMIS® rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® rating is not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® rating is to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). Please note HMIS® attempts to convey full health warning information to all employees.

Health	/	1
Flammability		1
Physical Hazard		0
Personal Protection		x

16.4 SDS REVISION DATE: 9/27/2018

Notice:

Butterfield Color, Inc. expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency.

Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

Prepared By: HS&E Compliance Resources