



Safety Data Sheet-Buddy Rhodes Ultrafine Sky

1 – PRODUCT IDENTIFICATION

Product Name: Buddy Rhodes UF Sky
Product Number: UFSK421
Product Use: coloring agents, pigments

DATE PREPARED: 11-30-2016

COMPANY: Buddy Rhodes Concrete Products
5600 Lower Macungie Road, Macungie PA 18062
Domestic: 1 (877) 706-5303 International: (610) 252-5800

EMERGENCY PHONE: domestic: (800) 255-3924 international: (813) 248-0585 (Chem-Tel)

2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture:

Eye irritation – Category 2A (H319)

GHS Label elements, including precautionary statements

Hazard Pictogram(s):



Signal word: Warning

Health Hazards:

H319 Causes serious eye irritation

General Precautions:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.

Prevention Precautions:

P264 Wash with soap and water thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response Precautions:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.

Hazards not otherwise classified (HNOC) or not covered by GHS – none known



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3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical names	CAS No	Concentration
Proprietary Cobalt-based blend	Cobalt Based Pigment Proprietary Blend	1-40% balance

Substance/Mixture: mixture

Synonym: Buddy Rhodes Ultrafine Sky

4 – FIRST-AID MEASURES

Description of first aid measures

In case of inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.

In case of skin contact: In case of skin contact, wash thoroughly with soap and water.

In case of eye: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs, get medical advice.

In case of ingestion: Rinse mouth. Do not induce vomiting unless directed to do so by a physician. If you feel unwell, seek medical attention

Most important symptoms/effects both acute and delayed: Not expected to present a significant hazard under anticipated conditions of normal use.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically and supportively

5 – FIRE-FIGHTING MEASURES

Extinguishing Media: Suitable extinguishing media: Foam, water spray, dry chemical powder, carbon dioxide, or sand
Unsuitable extinguishing media: Do not use a heavy water stream

Flash point: Not applicable

Auto ignition temperature: Not applicable

Specific protective equipment and procedures for firefighters: Wear self contained breathing apparatus and protective clothing

Specific chemical hazards:

6 – ACCIDENTAL RELEASE MEASURES

Environmental precautions: Avoid creating airborne dust. Pick up with shovel or mechanical equipment. Wet methods and vacuuming may be used on spills.

Methods for cleanup: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.



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7 – HANDLING and STORAGE

Storage: Store in closed original container in a dry place. Room temperature-normal conditions. Use care in handling/storage. Keep in properly labeled containers

Handling: Observe all warnings and precautions listed for the product. Closed containers should be opened in well ventilated areas. Avoid dust formation. Take precautionary measures against static discharges.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits

OSHA PEL

Cobalt dust and fumes: .01mg/m³ 30-40% (as Co) dust and fume

USACGIH TWA

Cobalt dust and fumes: 0.02mg/m³ 30-40% (as Co)

US NIOSH

Cobalt dust and fumes: .05mg/m³ 30-40% (as Co) dust and fume

Appropriate engineering controls: If needed use local exhaust ventilation to keep dust concentration below limits cited in this Section.

Personal Protective Equipment

Respiratory Protection: Use a properly fitted particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product, and the safe working limits of the selected respirator. Wear a respirator conforming to EN140 with type A/P2 filter or better.

Eye/Face protection: Wear appropriate chemical safety glasses/goggles.

Hand/Skin Protection: Wear appropriate protective gloves and clothing.

General Hygiene Considerations: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

9 – PHYSICAL / CHEMICAL PROPERTIES

Appearance: Solid, fine powder.

Physical State: solid

Color: Blue

Odor: odorless

pH: Not applicable

Melting Point: NA

Boiling Point: NA

Flash point: Not applicable

Flammability (solid,gas): Not flammable

Explosive Properties: Not explosive

Vapor Pressure: Not applicable

Vapor Density (AIR=1): Not applicable

Density: NA

Solubility in water: Insoluble

Partition Coefficient (n-octanol/water): NOT APPLICABLE

Auto-ignition temperature: Not applicable

Viscosity: Not applicable



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10 – STABILITY and REACTIVITY

Reactivity: No hazardous reaction known under normal conditions of use
Chemical Stability: Stable under normal conditions
Hazardous Reactions: Stable under normal conditions
Conditions to avoid: Avoid contact with strong acids, reducing agents, and oxidizers.
Incompatible materials: no known incompatible materials
Hazardous Decomposition.: Carbon monoxide and carbon dioxide when burning.

11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: Dust may irritate eyes, skin, respiratory tract, mucous membranes. Dust hazard should not occur under normal use.

Chromium Ion (<0.2%)-yes

Acute Oral Toxicity: NA

Acute Inhalation Toxicity: Based on available data the classification criteria are not met

Chronic Toxicity: Based on available data, the classification criteria are not met Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

Irritation: may irritate eyes, skin, and respiratory tract

Sensitization: Non-sensitizing

Mutagenicity: Non-mutagenic

Carcinogenicity: Cobalt Compound CAS 7440-48-4: 2B Possibly carcinogenic to humans.

*This product is the result of high temperature calcination of the component substances. Due to its unique crystalline structure the properties of this finished material do not necessarily reflect the properties of the component metals or oxides.

Reproductive toxicity: No known significant effects or critical hazards on reproduction.

Aspiration hazard: Not applicable

12 – ECOLOGICAL INFORMATION

Ecotoxicity: Not expected to be harmful to aquatic organisms

Persistence and degradability: Not applicable

Bioaccumulative potential: The product does not contain any substances expected to be bioaccumulating.

Mobility in soil: Not applicable

Results of PBT and vPvB assessment: The substance does not meet the criteria to be identified as PBT or vPvB

13 –DISPOSAL CONSIDERATIONS

Disposal considerations: Dispose in a safe manner in accordance with local / state / Federal regulations. Avoid release to the environment. It is responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal method in compliance with applicable regulations.



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14 – TRANSPORTATION INFORMATION

DOT: Not regulated, not dangerous good.

Transport by sea (IMO / IMDG): Not regulated. Not dangerous good

Air transport (ICAO/ IATA): Not regulated. Not dangerous good

15 - REGULATIONS

Contents of this SDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

EPA SRA Title III Chemical Listings:

US Federal Regulations

TSCA Status: all components are listed or exempted

SECTION 302: None

SECTION 312

Acute: Dust may irritate eyes, skin, respiratory tract, mucous membranes. Dust hazard should not occur under normal use.

Chromium Ion (<0.2%)-yes

Chronic: None

Fire: None

Pressure: none

Reactive: None

SARA 313: none

Clean Water Act: not applicable

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

COBALT COMPOUND (CAS 7440-48-4)

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

Not regulated

FDA: NA

US State Regulations

US state regulations

US. Massachusetts RTK - Substance List

COBALT COMPOUND (CAS 7440-48-4)

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

COBALT COMPOUND (CAS 7440-48-4) 500 LBS

US. Pennsylvania RTK - Hazardous Substances

COBALT COMPOUND (CAS 7440-48-4)

US. Rhode Island RTK

COBALT COMPOUND (CAS 7440-48-4)

US. California Proposition 65

Not Listed.

International regulations

Canada



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CEPA DSL: All components are listed or exempted.

Australia inventory (AICS):All components are listed or exempted.

China inventory (IECSC):All components are listed or exempted.

Japan inventory:All components are listed or exempted.

Korea inventory:All components are listed or exempted.

Philippines inventory (PICCS): All components are listed or exempted.

Europe-EINICS: All components are listed or exempted.

16 – OTHER INFORMATION

Additional Information: This Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200 (HCS-2012) and its adaptation of United Nations 'Globally Harmonized System of Classification and Labeling of Chemicals (GHS). This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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