SAFETY DATA SHEET
SDS No. 1245
Revision Date: January 2, 2021 Version 2.0
☑ GHS Compliant

Section 1 - Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier
Trade Name: **Super Blue SB44**

1.2 Relevant identified uses of the substance or mixture and uses advised against
General Use: Pigment, Coloring Agent
Restrictions on Use: None known

1.3 Details of the supplier of the safety data sheet:
Company: Buddy Rhodes Concrete Products
5600 Lower Macungie Rd., Macungie, PA 18062

Telephone: Domestic: 1 (877) 706-5303
International: (610) 252-5800 (collect calls accepted)

E-mail address: Visit our website at www.buddyrhodes.com

1.4 Emergency Contact: Chem-Tel Domestic: 800-255-3924 International: 813-248-0585

Section 2 – Hazard(s) Identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

H315 Skin Irritation – Category 2
H319 Eye Irritation – Category 2A
H402 Hazardous to the Aquatic Environment – Short Term (Acute) – Category 3
H412 Hazardous to the Aquatic Environment – Long Term (Chronic) – Category 3

2.2 GHS Label elements, including precautionary statements

Pictogram(s):

Signal word: Warning

Health Hazards
H315 Causes skin irritation
H319 Causes serious eye irritation
Environmental Hazards
H402 Harmful to aquatic life
H412 Harmful to aquatic life with long lasting effects
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.

P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response Precautions

P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.

Disposal Precautions

P501	Dispose of contents/container according to local, state and federal laws.

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

Section 3 - Composition / Information on Ingredients

3.1 Substances/Mixtures

The following ingredients are hazardous according to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR 1910.1200:

Chemical name	CAS-No.	Concentration (% w/w)
Anionic dispersing agent	9084-06-4	30 – 40
Sodium Sulphate	7757-82-6	1 – 10
Copper Pthalocyanine	147-14-8	30 – 40
Non-ionic dispersing agent	9016-45-9	1 – 10

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation
Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

Eye Contact
Flush eyes with plenty of water. If irritation persists, seek medical attention.

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

Ingestion
Do not induce vomiting unless instructed by a physician. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed.
None known.

4.3 Indication of any immediate medical attention and specific treatment needed.
None known.

Section 5 - Fire-Fighting Measures

5.1 Extinguishing Media
Water Fog, Dry Chemical, and Carbon Dioxide Foam

5.2 Special hazards arising from the substance or mixture
None known.

5.3 Advice for firefighters
Use water spray to cool fire-exposed surfaces and to protect personnel. Shut off "fuel" to fire. If a leak or spill has not ignited, use water spray to disperse the vapors. Either allow fire to burn under controlled conditions or extinguish with foam or dry chemical. Try to cover liquid spills with foam. Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full-face piece operated in pressure demand or positive-pressure mode.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
Only properly protected personnel should remain in the spill area; dike and contain spill. Stop or reduce discharge if it can be done safely**.**

6.2 Environmental precautions
Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains or unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers. No special environmental precautions required.

6.3 Methods and material for containment and cleaning up
Put on appropriate protective gear including NIOSH/MSHA approved self-contained breathing apparatus, rubber boots and heavy rubber gloves. Dike and contain spill; absorb or scrape up excess into suitable container for disposal; wash area with dilute ammonia solution. Stop or reduce discharge if it can be done safely**.** Follow applicable OSHA regulations (29 CFR 1910.120) for disposal.

6.4 Reference to other sections
See Section 3 for list of Hazardous Ingredients; Sections 8 for Exposure Controls; and Section 13 for Disposal.

Section 7 - Handling and Storage

7.1 Precautions for safe handling
Use good general housekeeping procedures. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Use good personal hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities
Keep container(s) tightly closed and properly labeled. Store in cool, dry, well ventilated place away from heat, direct sunlight, strong oxidizers and any incompatibles. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet local standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty containers retain residue and may be dangerous. Avoid water contamination.

7.3 Specific end use(s)
These precautions are for room temperature handling. Other uses including elevated temperatures or aerosol/spray applications may require added precautions.

Section 8 - Exposure Controls / Personal Protection

8.1 Control parameters

Component	CAS No.		Method	Value
Non-ionic dispersing agent	9016-45-9	ACGIH	TLV	Short-term value:10 mg/m^3 recommended (WEEL)
		OSHA	PEL	Short-term value:10 mg/m^3 recommended (WEEL)

8.2 Exposure controls

Respiratory Protection

Respiratory protection is not normally required when using this product with adequate local exhaust ventilation. Where risk assessment shows air-purifying respirators are appropriate, follow OSHA respirator regulations 29 CFR 1910.134 and European Standards EN 141, 143 and 371; wear an MSHA/NIOSH or European Standards EN 141, 143 and 371 approved respirators equipped with appropriate filter cartridges as a backup to engineering controls.

Hand Protection

Wear any liquid-tight gloves such as butyl rubber, neoprene or PVC.

Eye Protection

Safety glasses with side shields per OSHA eye- and face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Other Protective Clothing/Equipment

Additional protective clothing or equipment is not normally required. Provide eye bath and safety shower.

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. Wash thoroughly after handling.

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Blue powder	**Vapor pressure:**	No data
Odor:	Odorless	**Vapor density (Air=1):**	No data
pH:	7 – 9	**Evaporation rate:**	No data
Flash Point:	No data	**Solubility in water:**	Dispersible
Melting / freezing point:	No data	**Specific Gravity (H2O=1, at 4 °C):**	1.25 – 1.30
Low / high boiling point:	No data	**Relative density:**	No data
Upper flammability limits:	No data	**Auto-ignition temperature:**	> 350 °C (> 662 °F)
Lower flammability limits:	No data	**Explosive properties:**	Dust Explosion Hazard

Section 10 - Stability and Reactivity

10.1 Reactivity

No hazardous reactions if stored and handled as prescribed/indicated., No corrosive effect on metal. Not fire propagating.

10.2 Chemical stability
These products are stable at room temperature in closed containers under normal storage and handling conditions.

10.3 Possibility of hazardous reactions
Hazardous polymerization cannot occur

10.4 Conditions to avoid
None known

10.5 Incompatible materials
Strong bases and acids

10.6 Hazardous decomposition products
Thermal oxidative decomposition can produce carbon oxides, gasses/vapors, and traces of incompletely burned carbon compounds.

Section 11- Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity

CAS# 147-14-8 Copper Pthalocyanine

Oral	LD50	> 2000 mg/kg (rat) (OECD 401)
Dermal	LD50	> 2000 mg/kg (Rat (male)) (OECD 402)
	LD50 intraperitoneal	> 2000 mg/kg (rat)

CAS# 9016-45-9 Non-ionic dispersing agent

Oral	LD50	4290 mg/kg (rat) (EU B.1.)
Dermal	LD50	> 2000 mg/kg (rabbit)

CAS: 7757-82-6 sodium sulphate

Oral	LD50	5989 mg/kg (mouse)
		> 10000 mg/kg (rat)

CAS: 9084-06-4 Anionic dispersing agent

Oral	LD50	3800 mg/kg (mouse)

Skin Corrosion/Irritation
Slight

Serious Eye Damage/Irritation
Slight

Respiratory/Skin Sensitization
No data

Germ Cell Mutagenicity
No data available

Carcinogenicity
No component of these products present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC, ACGIH or NTP.

Reproductive Toxicity
Copper Pthalocyanine CAS# 147-14-8 Oral NOAEL 1000 mg/kg bw/day (rat) (OECD 421) 90 days test

Specific Target Organ Toxicity – Single Exposure
Irritating to skin, mucous membranes and eyes.

Specific Target Organ Toxicity – Repeated Exposure
May cause respiratory irritation.

Aspiration Hazard
No data

Chronic Exposure
No data

Potential Health Effects – Miscellaneous
No data

Section 12 - Ecological Information

12.1 Toxicity

CAS# 147-14-8 Copper Pthalocyanine
EC50/48 h (static) > 500 mg/lit (Daphnia magna) (EU C.2)
EC50/72 h (static) > 100 mg/lit (algae) (OECD 201)
LC50/96 h (static) > 100 mg/lit (fish) (OECD 203

CAS# 9016-45-9 Non-ionic dispersing agent
EC50/48 h (static) 20 mg/lit (algae) (EU C.3) 15 mg/lit (Bacteria)
LC50/48 h 1.821 mg/lit (fish) (QSAR)
LC50/96 h 11.5 mg/lit (fish)

CAS: 7757-82-6 sodium sulphate
EC50(30 mn.) (static) 4600 mg/lit (Bacteria)
LC50/96 h (static) > 100 mg/lit (fish)

CAS: 9084-06-4 Anionic dispersing agent
LC50/96 h (static) > 100 mg/lit (fish) (OECD 203)
EC10/3 hr (static) > 5000 mg/lit (activated sludge)

12.2 Persistence and Degradability
Well eliminable from water by adsorption on activated sludge. The contained surfactants are not biodegradable.

12.3 Bioaccumulative Potential
No data available

12.4 Mobility in Soil
No data available

12.5 Results of PBT and vPvB assessment
No data available

12.6 Other Adverse Effects
No data available

Section 13 - Disposal Considerations

13.1 Waste treatment methods
Under Resource Conservation and Recovery Act (RCRA) it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste as defined in 40 CFR Part 261. Waste management should be in full compliance with federal, state and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore to not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

Section 14 - Transport Information

Not regulated by DOT, IATA or IMDG

Section 15 - Regulatory Information

15.1 Safety health and environmental regulations/legislation specific for the substance or mixture

REACH: Regulation (EC) No 1907/2006 of The European Parliament and of The Council of December 2006 (including amendments and corrigenda as of June 2020)
This product complies with REACH or is not subject to regulation under REACH. The product does not contain an ingredient listed on either the Candidate List or Authorization List for Substances of Very High Concern (SVHC).

In the United States (EPA Regulations)

TSCA Inventory Status (40 CFR710)
All components of this formulation are listed in the TSCA Inventory. No component of this formulation has been determined to be subject to manufacturing or use restrictions under the Significant New Use Rules (SNURs).

CERCLA Hazardous Substance List (40 CFR 302.4)
None known.

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and community Right-to-Know Act of 1986) Sections 311 and 312
Immediate (Acute), Delayed (Chronic)

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313
Copper Pthalocyanine CAS# 147-14-8 40 – 50%

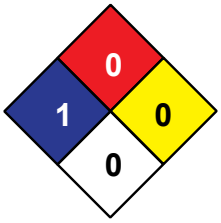
California Proposition 65
This product does not intentionally contain any chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

16 - Other Information

HMIS	
H	1
F	0
R	0



NFPA

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Abbreviations and acronyms

ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS-Chemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIP-Chemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA-Emergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; GHS-Globally Harmonized System of Classification and Labelling of Chemicals; HMIS-Hazardous Material Information Service; IATA-International Air Transport Association; IMDG-International Maritime Dangerous Goods Code; LC-Lethal Concentration; LD-Lethal Dose; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limit; OSHA-Occupational Safety and Health Administration, US Dept. of Labor; PEL-Permissible Exposure Limit; SARA (Title III)-Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ-Texas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA-Time Weighted Value; US DOT-US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

Disclaimer

The information contained in this Safety Data Sheet (SDS) is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of Buddy Rhodes Concrete Products, it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use.

This SDS is prepared to comply with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as prescribed by the United States (US) Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH).

Classifications of the chemical in accordance with 29 CFR 1910.1200, signal word, hazard and precautionary statement(s), symbol(s) and other information are based on listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS and EC No 1907/2006 and are considered trade secrets under US Federal Law (29 CFR and 40 CFR), Canadian Law (Health Canada Legislation), and European Union Directives.