

SAFETY DATA SHEET

Section 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Name: Rainbow Color Release Powder
Product Form: Mixture
1.2 Product Use: Waterproof Barrier for Concrete Molds
1.3 Supplier/Manufacturer: Empire Blended Products Inc.
250 Hickory Lane
Bayville, NJ 08721
Phone Number: (732) 269-4949
1.4 Emergency Number: CHEMTREC (800) 424-9300

Section 2: HAZARDS IDENTIFICATION

2.1 Classification of the Chemical: Carc. 1A

2.2 Label Elements:

Hazard Pictogram:



Signal Word: Danger

Hazard Statement: May cause cancer (inhalation).

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wear eye protection, protective gloves, and protective clothing.

Response: If exposed or concerned, get medical advice/attention.

Storage: Store locked up.

Disposal: N/A

2.3 Additional Information:

Hazards not otherwise classified: Prolonged and/or massive exposure to respirable crystalline silica-containing dust may cause classification silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of the fine respirable particles of crystalline silica.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance/Mixture: Mixture

Name	CAS #	%	GHS Classification
Calcium Carbonate	1317-65-3	50-99	Not Classified
Stearic Acid	57-11-4	1-5	Not Classified
Quartz (fine fraction)	14808-60-7	.1-1	Carc 1A, STOT SE 3, STOT SE 1
Iron (III) Oxide	1309-37-1	0-40	Not Classified
C.I. Pigment Black 11	1317-61-9	0-40	Not Classified
C.I. Pigment Yellow 42	51274-00-1	0-40	Not Classified

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Section 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

- General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice and show the label where possible.
- Eye:** In case of contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
- Skin:** In case of contact, remove contaminated clothing immediately and wash affected skin with plenty of water of soap and water. If skin irritation occurs, get medical advice/attention.
- Inhalation:** Remove victim to fresh air and keep comfortable for breathing. Get medical attention if symptoms develop.
- Ingestion:** Rinse mouth. Do NOT induce vomiting. Drink plenty of water. If symptoms develop, obtain medical attention.

4.2 Most Important Symptoms and Effects, both Acute and Delayed: Not expected to present significant hazard under anticipated conditions of normal use.

4.3 Indication of Any Immediate Medical Attention and Special Treatments Needed:

- Note to Physicians:** Treat symptomatically. No specific treatment.
- Specific Treatments:** No special measures required

Section 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media:

- Suitable Extinguishing Media:** Not combustible. Use extinguishing media appropriate for surrounding fire.
- Unsuitable Extinguishing Media:** None.

5.2 Special Hazards Arising from the Chemical: Reacts violently with acids.

5.3 Special Protective Equipment and Precautions for Fire Fighters: Fire fighter should wear complete protective clothing including self-contained breathing apparatus.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures: Evacuate unnecessary personnel. For emergency responders, wear suitable protective clothing and eye or face protection. Ventilate area. Avoid dust formation. Do not breathe dust.

6.2 Environmental Precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and Materials for Containment/Cleanup: Sweep or shovel spills into appropriate container for disposal. Refer to section 8 for exposure control/personal protection and section 13 for disposal considerations.

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Section 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling: Use only outdoors or in a well-ventilated area. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Keep/store away from incompatible materials.

7.2 Conditions for Safe Storage, Including Any Incompatibilities: Keep only in the original container in a cool, well-ventilated place away from incompatible materials. Keep container closed when not in use.

Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control Parameters:

Exposure Guidelines:

Name	ACGIH TWA	OSHA PEL (TWA)	NIOSH REL (TWA)
Quartz (fine fraction)	0.025 mg/m ³ respirable fraction	0.1 mg/m ³	N/A
Calcium Carbonate	N/A	15 mg/m ³ total dust 5 mg/m ³ respirable fraction	10 mg/m ³ total dust 5 mg/m ³ respirable dust

8.2 Exposure Controls:

Engineering Controls: Provide adequate ventilation, including appropriate local extraction, to ensure that occupational exposure limits are not exceeded.

8.3 Individual Protective Measures:

Personal Protective Equipment: Avoid all unnecessary exposure.

Eye Protection: Wear safety glasses with side shields.

Hand Protection: In case of repeated or prolonged contact, wear gloves.

Skin/Body Protection: Not required for normal conditions of use.

Respiratory Protection: In case of insufficient ventilation and possible dust formation. Wear suitable respiratory equipment.

Thermal Hazard Protection: Not required for normal conditions of use.

Environmental Exposure Controls: Avoid release to the environment.

Other Information: Do not eat, drink, or smoke during use.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Appearance: Dry powder

Color: Various

Odor: Odorless

Odor Threshold: N/A

Physical State: Solid

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pH: 7-9 (20 °C)
Viscosity: N/A
Freezing Point: N/A
Boiling Point: N/A
Melting Point: N/A
Flash Point: N/A
Evaporation Rate: N/A
Lower Flammability Limit: N/A
Vapor Pressure: N/A
Density: N/A
Relative Density: 2.71
Bulk Density: N/A
Lower Explosion Limit: N/A
Upper Explosion Limit: N/A
Solubility: Partially soluble
Coefficient of Water/Oil Distribution: N/A
Auto-ignition Temperature: N/A
Decomposition Temperature: > 450 °C

Section 10: STABILITY AND REACTIVITY

10.1 Reactivity: Reacts violently with acids.
10.2 Chemical Stability: This product is stable under normal conditions.
10.3 Possibility of Hazardous Reactions: Can react violently with acids and heat.
10.4 Conditions to Avoid: Acids and heat.
10.5 Incompatible Materials: Acids.
10.6 Hazardous Decomposition Products: Carbon dioxide.

Section 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Acute Toxicity:

<u>Ingredient</u>	<u>LD50- Oral</u>	<u>LC50- Inhalation</u>
Iron (III) Oxide	>5000 mg/kg, rat	>210 mg/m ³ , rat- 2 weeks exposure
C.I. Pigment Black 11	>5000 mg/kg, rat	N/A
C.I. Pigment Yellow 42	>10000 mg/kg, rat	>195 g/cm ³ exposure: 6 weeks >195 mg/m ³ exposure: 2 weeks

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11.2 Delayed, Immediate and Chronic Effects of Short- and Long- Term Exposure:

Short Term Exposure: N/A

Long Term Exposure:

Potential Delayed Effects - N/A

Carcinogenicity - May cause cancer (inhalation)

IARC Group - Quartz = 1-Carcinogenic to Humans

Mutagenicity - No known significant effects or critical hazards.

Teratogenicity - No known significant effects or critical hazards.

Developmental Effects - No known significant effects or critical hazards.

Fertility Effects - No known significant effects or critical hazards.

Section 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

<u>Ingredient Name</u>	<u>Result</u>	<u>Species</u>	<u>Exposure</u>
Iron (III) Oxide	Acute EC50 >100 mg/l	Daphnia	48 hours
	Acute EC50 >10000 mg/l	Micro-organism	3 hours
	Acute LC50 >50000 mg/l	Fish	96 hours
C.I. Pigment Black 11	Acute EC0 >10000 mg/l	Fresh Water Daphnia	48 hours
	Acute EC50 >10000 mg/l	Fresh Water Bacteria	3 hours
	Acute LC0 >10000 mg/l	Fresh Water Fish	96 hours
C.I. Pigment Yellow 42	Acute EC50 >10000 mg/l	Bacteria	3 hours
	Acute EC50 >100 mg/l	Daphnia	48 hours
	Acute LC0 >100000 mg/l	Fish	96 hours

12.2 Persistence and Degradability: N/A

12.3 Bioaccumulative Potential

Bioaccumulation: Unlikely

12.4 Mobility in Soil: N/A

12.5 Other Adverse Effects: N/A

Section 13: DIPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Disposal Method: Dispose in a safe manner in accordance with local/national regulations.

Section 14: TRANSPORTATION INFORMATION

14.1 DOT (US): Not regulated

14.2 IMDG: Not regulated

14.3 IATA: Not regulated

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Section 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislations Specific for the Chemical:

US Environmental Protection Agency Toxic Substances Control Act: All components of this product are listed, or excluded from listing on the TSCA inventory.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

US STATE REGULATIONS:

<u>Ingredient</u>	<u>CAS#</u>	<u>State Code</u>	<u>Concentration (%)</u>
Quartz	14808-60-7	NJ-RTK HS, MA-RTK, PA-RTK	95-100 %
Calcium Carbonate	1317-65-3	NJ-RTK HS, MA-RTK	

Massachusetts Right to Know List: MA- RTK

New Jersey Right to Know Hazardous Substances: NJ- RTK HS

Pennsylvania Right to Know List: PA- RTK

California Prop. 65: This product contains, or may contain, trace quantities of a substance(s), Quartz, known to the state of California to cause cancer and/or reproductive toxicity.

HMIS- Hazardous Material Information System:

Health: 1

Flammability: 0

Physical: 0

NFPA- National Fire Protection Association:

Health: 1

Fire: 0

Reactivity: 0

Hazard Rating:

0 = minimal 1 = slight 2 = moderate 3 = severe 4 = extreme

Section 16: OTHER INFORMATION

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