



## Safety Data Sheet- BR POWDER POLYMER - 1210

### 1 – PRODUCT IDENTIFICATION

**Product Name:** POWDER POLYMER - 1210

**Product Use:** construction material, concrete admix

**DATE PREPARED:** 11-29-2016

**COMPANY:** Buddy Rhodes Concrete Products

5600 Lower Macungie Road, Macungie, PA 18062

1-877-706-5303 **International call:** 610-252-5800 (collect calls accepted)

**EMERGENCY PHONE:** Domestic: 1-800-255-3924 International: 813-248-0585 (Chem-Tel)

### 2 – HAZARDS IDENTIFICATION

**Classification of the substance or mixture:**

Not a hazardous substance or mixture according to United States Occupational Safety and Health Administration (OSHA) 2012 Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) and Council Directive 1999/45/EC and its subsequent amendments.

**GHS Label elements, including precautionary statements**

**Hazard Pictogram(s):** none

**Signal word:** none

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.

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

### 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical names	CAS No	Concentration
1-Propanaminium, N,N,N- trimethyl-3-[(2-methyl-1-oxo-2-propenyl)amino]-, chloride, polymer with butyl 2-propenoate and methyl 2-methyl-2-propenoate	201153-81-3	10 - 20 %
Butyl acrylate	141-32-2	<0.05%
Methyl methacrylate	80-62-6	<0.05%

**Substance/Mixture:** mixture

**Synonym:** Acrylic Copolymer



## Safety Data Sheet- BR POWDER POLYMER - 1210

### 4 – FIRST-AID MEASURES

#### Description of first aid measures

**In case of inhalation:** Immediate medical attention is not required. Remove to fresh air. Get medical attention if irritation persists.

**In case of skin contact:** Immediate medical attention is not required. Wash skin with soap and water. If symptoms develop, obtain medical attention.

**In case of eye:** Immediate medical attention is not required. Irrigate with eyewash solution or clean water until pain is relieved. If symptoms develop, obtain medical attention.

**In case of ingestion:** Treat symptomatically and supportively. Get medical attention. Do NOT ATTEMPT to give anything by mouth to an unconscious person.

**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:** Water Fog: Foam

**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:** None

### 6 – ACCIDENTAL RELEASE MEASURES

**Environmental precautions:** Possible dust explosion in air. Avoid dispersal in air. Remove all sources of ignition. Dampen spilt material. Sweep up and shovel into waste drums.

**Methods for cleanup:** Disposal should be in accordance with local, state or national legislation. Do not allow to enter drains, sewers or watercourses.

### 7 – HANDLING and STORAGE

**Storage:** Store in cool, dry areas, away from heat.

**Handling:** Sparks or fire. Mechanical handling of the powder or inadequately grounded equipment, can result in static electrical discharge. All handling equipment must be properly grounded. Product contains low levels of volatiles which might be emitted at elevated temperatures. This material should not be spilled, dumped or flushed into public sewers waterways. Use care to minimize dust generation in normal conditions.

### 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits



## Safety Data Sheet- BR POWDER POLYMER - 1210

COMPONENT	EXPOSURE LIMITS
Dust	10mg/m <sup>3</sup> TWA (Total inhalable) 4mg/m <sup>3</sup> TWA (respirable)
n-Butyl acrylate	1 ppm TWA:5 mg/m <sup>3</sup> TWA 5 ppm STEL:26mg/m <sup>3</sup> STEL
Methyl methacrylate	50ppm TWA: 208mg/m <sup>3</sup> TWA 100ppm STEL: 416mg/m <sup>3</sup> STEL

COMPONENT	EC INDICATIVE OCCUPATIONAL EXPOSURE LIMIT VALUES
Butyl acrylate	10 ppm STEL:53mg/m <sup>3</sup> STEL 2ppm TWA: 11mg/m <sup>3</sup> TWA

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

### Personal Protective Equipment

**Respiratory Protection:** None required under normal handling conditions. Use approved dust mask if levels are irritating. Dust mask should conform to EN 149.

**Eye/Face protection:** Goggles protect against dust and particulates. Personal eye protection should conform to EN 166.

**Hand/Skin Protection:** The use of chemically resistant gloves is recommended. Gloves should conform to EN 374

**General Hygiene Considerations:** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and launder before reuse.

## 9 – PHYSICAL / CHEMICAL PROPERTIES

**Appearance:** white powder

**Physical State:** solid

**Color:** white

**Odor:** Typical

**pH:** 7-9

**Melting Point:** NA

**Boiling Point:** NA

**Flash point:** Not applicable

**Flammability (solid,gas):** Product is a finely divided combustible powder and as such constitutes a potential fire hazard. Keep workplace dust levels below the stipulated exposure limits. Prohibit smoking and open flames. Avoid sparks or other sources of static electricity. Product contains low level of organic volatiles which might be emitted at elevated temperatures.

**Explosive Properties:** AVOID CREATING DUST.

CAN FORM EXPLOSIVE DUST-AIR MIXTURES.

**Vapor Pressure:** Not applicable

**Vapor Density (AIR=1):** 450-650 kg/m<sup>3</sup>

**Density:** NA

**Solubility in water:** Insoluble but disperses completely.

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

**Auto-ignition temperature:** Not applicable

**Viscosity:** 50% dispersion



## Safety Data Sheet- BR POWDER POLYMER - 1210

### 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:** See section 7

**Incompatible materials:** Carbon monoxide, carbon dioxide, unknown hydrocarbons

**Hazardous Decomposition.:** Product contains low levels of organic volatiles which may be emitted or released in application processes involving the use of heat. Vent all ovens and process vessels to the outside atmosphere.

### 11 – TOXICOLOGICAL INFORMATION

**Acute Toxicity:** None

**Acute Oral Toxicity:** NA

**Acute Inhalation Toxicity:** Prolonged or frequent breathing of excess dust may cause an adverse respiratory effect.

**Chronic Toxicity:** Prolonged or frequent breathing of the excess dust may cause an adverse respiratory effect.

**Irritation:** may irritate eyes, skin, and respiratory tract

**Sensitization:** Non-sensitizing

**Mutagenicity:** Non-mutagenic

**Carcinogenicity:** None known

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

**Aspiration hazard:** Dust is irritant to respiratory tract.

### 12 – ECOLOGICAL INFORMATION

**Ecotoxicity:** The product is expected to have low toxicity to aquatic organisms

**Persistence and degradability:** Not readily biodegradable.

**Bioaccumulative potential:** Low potential.

**Mobility in soil:** Miscible in water, and likely to be transported considerable distances if allowed ingress to water.

**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:**

**Waste disposal of substance:**

Incineration is recommended. Waste disposal should be in accordance with existing Community, National and local regulations.

**Container disposal:**

Packaging should be recycled or disposed in each case according to national and local regulations.

### 14 – TRANSPORTATION INFORMATION

**DOT:** Not regulated, not dangerous good.



## Safety Data Sheet- BR POWDER POLYMER - 1210

**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:** not regulated

**SECTION 302:** None

**SECTION 312**

**Acute:** None

**Chronic:** yes

**Fire:** None

**Pressure:** none

**Reactive:** None

**SARA 313:** none

**Clean Water Act:** not applicable

**FDA:** NA

**US State Regulations**

**CA Prop. 65:**

Not available.

Not classified as dangerous.

**International regulations**

no international regulations listed

### 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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