COLOR-CRETE BATCH RDY - 1# BG SKY BLUE

SECTION 1 - PRODUCT IDENTIFICATION

Trade name: COLOR-CRETE BATCH RDY - 1# BG SKY BLUE
Product code: CCCB P001 780

COMPANY: Increte Systems - A Division of The Euclid Chemical Company
1611 Gunn Highway
Odessa, FL 33556
Telephone: 1-800-752-4626
Emergency Phone: U.S. only: 1-800-424-9300
International Users Call Collect: 1-703-527-3887

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview
Blue. Powder. May cause coughing and wheezing. Dust may irritate respiratory tract. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry
- Inhalation: May cause coughing and wheezing. Dust may irritate respiratory tract.
- Eyes: Dust may cause eye irritation. May cause mechanical irritation or abrasion. Direct contact may cause temporary redness and discomfort.
- Ingestion: May cause gastrointestinal irritation, nausea, and vomiting.
- Skin: May cause mild irritation.

Aggravated Medical Conditions
Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects
No known effects anticipated.

SECTION 3 - PRODUCT COMPOSITION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>&gt; 60.0</td>
</tr>
<tr>
<td>Aluminum oxide</td>
<td>1344-28-1</td>
<td>3.0 - 7.0</td>
</tr>
<tr>
<td>Pigment phthalocyanine blue</td>
<td>12239-87-1</td>
<td>1.0 - 5.0</td>
</tr>
</tbody>
</table>

SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation: Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Eye contact: Flush with water for 15 minutes. If irritation persists, get medical attention.
Skin contact: Clean area of contact thoroughly using soap and water. If irritation, rash or other disorders develop, get medical attention immediately.

Ingestion: Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point: Not available.
Method: Not available.
Lower explosion limit: Not available.
Upper explosion limit: Not available.
Autoignition temperature: Not available.
Extinguishing media: This product is not expected to burn under normal conditions of use. Use that which is appropriate to the surroundings.
Hazardous combustion products: Not available.
Protective equipment for firefighters: Not applicable. Product is not expected to burn.
Fire and explosion conditions: This product is not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. Dampen material with water to control dusting. Scoop up and transfer to appropriate container for disposal. Flush spill area with water.

SECTION 7 - HANDLING AND STORAGE

Store under normal warehouse conditions in sealed containers. Handle in compliance with common hygienic practices. Clean hands thoroughly after handling.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment
Respiratory protection: Wear appropriate, properly fitted NIOSH/MSHA approved dust respirator where airborne concentrations are expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.
Hand protection: Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
Eye protection: Wear appropriate eye protection.
Skin and body protection: Prevent contact with shoes and clothing. Use rubber apron and overshoes.
Protective measures: Use professional judgment in the selection, care, and use.
Engineering measures: Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use local exhaust when the general ventilation is inadequate.
Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Regulation</th>
<th>Limit</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>ACGIH TWA:</td>
<td>10 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL:</td>
<td>15 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA TWA:</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA TWA:</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td>Aluminum oxide</td>
<td>1344-28-1</td>
<td>ACGIH TWA:</td>
<td>10 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL:</td>
<td>5 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL:</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA TWA:</td>
<td>15 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA TWA:</td>
<td>5 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TWA:</td>
<td>1 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- **Form**: Powder
- **Color**: Blue
- **Odor**: None
- **pH**: Not available.
- **Vapour pressure**: Not available.
- **Vapor density**: Not available.
- **Melting point/range**: Not available.
- **Freezing point**: Not available.
- **Boiling point/range**: Not available.
- **Water solubility**: Not available.
- **Specific Gravity**: 3.69
- **% Volatile Weight**: 0.0%

SECTION 10 - REACTIVITY / STABILITY

- **Substances to avoid**: Not Applicable.
- **Stability**: Material is stable under normal storage, handling, and use.
- **Hazardous polymerization**: Will not occur under normal conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

No Data Available
**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**


**SECTION 14 - TRANSPORTATION / SHIPPING DATA**

TDG / DOT Shipping Description: NOT REGULATED

**SECTION 15 - REGULATORY INFORMATION**

**North American Inventories:**
All components are listed or exempt from the TSCA inventory. This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

**U.S. Federal Regulations:**

<table>
<thead>
<tr>
<th>SARA 313 Components</th>
<th>Aluminum oxide</th>
<th>1344-28-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA 311/312 Hazards</td>
<td>Acute Health Hazard</td>
<td></td>
</tr>
<tr>
<td>OSHA Hazardous Components:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td></td>
</tr>
<tr>
<td>Aluminum oxide</td>
<td>1344-28-1</td>
<td></td>
</tr>
<tr>
<td>OSHA Status: Considered hazardous based on the following criteria:</td>
<td>Irritant</td>
<td></td>
</tr>
<tr>
<td>OSHA Flammability</td>
<td>Not Regulated</td>
<td></td>
</tr>
<tr>
<td>Regulatory VOC (less water and exempt solvent)</td>
<td>0 g/l</td>
<td></td>
</tr>
<tr>
<td>VOC Method 310</td>
<td>0 %</td>
<td></td>
</tr>
</tbody>
</table>

**U.S. State Regulations:**

<table>
<thead>
<tr>
<th>MASS RTK Components</th>
<th>Titanium dioxide</th>
<th>13463-67-7</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Aluminum oxide</td>
<td>1344-28-1</td>
</tr>
<tr>
<td>Penn RTK Components</td>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
</tr>
<tr>
<td></td>
<td>Aluminum oxide</td>
<td>1344-28-1</td>
</tr>
<tr>
<td>NJ RTK Components</td>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
</tr>
<tr>
<td></td>
<td>Aluminum oxide</td>
<td>1344-28-1</td>
</tr>
<tr>
<td></td>
<td>Pigment phthalocyanine blue</td>
<td>12239-87-1</td>
</tr>
</tbody>
</table>
Components under California Proposition 65:
None known.

SECTION 16 - OTHER INFORMATION

HMIS Rating:

<table>
<thead>
<tr>
<th>Health</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
</tbody>
</table>

PPE

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Rich Mikol

Legend

ACGIH - American Conference of Governmental Hygienists
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
DOT - Department of Transportation
DSL - Domestic Substance List
EPA - Environmental Protection Agency
HMIS - Hazardous Materials Information System
IARC - International Agency for Research on Cancer
MSHA - Mine Safety Health Administration
NDSL - Non-Domestic Substance List
NIOSH - National Institute for Occupational Safety and Health
NTP - National Toxicology Program
OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit
RCRA - Resource Conservation and Recovery Act
RTK - Right To Know
SARA - Superfund Amendments and Reauthorization Act
STEL - Short Term Exposure Limit
TLV - Threshold Limit Value
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
V - Volume
VOC - Volatile Organic Compound
WHMIS - Workplace Hazardous Materials Information System