

# Safety Data Sheet

According to 1907/2006/EC (REACH) and 1272/2008/EC (CLP)

Printing Date: 12/8/2014

Revision: 12/8/2014

**Trade Name: SYNTHETIC PRIMARY PIGMENT™**

## 1 Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade Name: SYNTHETIC PRIMARY PIGMENT™

### 1.2 Article No.: SYNTHETIC PRIMARY PIGMENT™

### 1.3 Details of the supplier of the Safety Data Sheet Manufacturer:

Elite Crete Systems  
 1061 Transport Drive  
 Valparaiso, IN 46383  
 Toll Free: 888.323.4445  
 Tel: (219) 465-7671  
 Fax: (219) 531-0898  
[www.elitecrete.com](http://www.elitecrete.com)

### 1.4 Emergency telephone number:

CHEMTREC US DOMESTIC: (800-424-9300)  
 CHEMTREC INTERNATIONAL: (703-527-3887)

## 2 Hazards identification

### 2.1 Classification of the substance or mixture: Not classified as hazardous according to GHS standards

#### GHS Classification in accordance with CFR 1910 (OSHA HCS)

Not dangerous goods according to the Australian Dangerous goods (ADG) Code.

For the full text of the H-Statements mentioned in this section, see Section 16.



**Risk Phrases:** Not hazardous-No criteria found.

**Safety Phrases:** S22, S25, S36. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing.

**SUSMP Classification:** Not allocated

**ADG Classification:** Not dangerous goods under ADG Code.

**UN number:** None allocated

**GHS SIGNAL WORD: NONE. NOT HAZARDOUS**

### 2.2 Label elements

**Labeling according to Regulation (EC) No 1272/2008:**

**Hazard pictograms: NONE**

#### Prevention:

**P262** Do not get in eyes, on skin, or on clothing.  
**P281** Use personal protective equipment as required.

#### Response:

**P352** Wash with plenty of soap and water.  
**P301+P330+P331** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.  
**P370+P378** In case of fire, use carbon dioxide, dry chemical, foam, water fog.

#### Storage:

**P402+P404** Store in a dry place. Store in a closed water proof container/bag

#### Disposal:

**P501** Dispose of contents to an approved waste disposal plant or approved landfill (see sec 13)

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## Hazard description:

Canadian WHMIS Classification: WHMIS-symbols: NONE

NFPA ratings (scale 0 - 4)



Health = 1  
Fire = 0  
Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health	1
Fire	0
Reactivity	0

Health = 1  
Fire = 0  
Reactivity = 0

## 2.3 Other hazards not otherwise classified (HNOC) or not covered by GHS

**MAJOR HEALTH HAZARDS:** No significant risk factors have been found for this product

### POTENTIAL HEALTH EFFECTS:

#### Inhalation:

**Short term exposure:** Available data indicates this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

**Long term exposure:** No data for health effects associated with long term inhalation.

#### Skin Contact:

**Short term exposure:** Available data indicates that this product is not harmful. It should present no hazards in normal use. This product may stain skin or clothing and the stain may be difficult to remove. In addition, product is unlikely to cause any discomfort during normal use.

**Long term exposure:** No data for health effects associated with long term skin exposure.

#### Eye Contact:

**Short term exposure:** This product may be irritating to eyes, but it is unlikely to cause anything more than mild transient discomfort.

**Long term exposure:** No data for health effects associated with long term eye exposure.

#### Ingestion:

**Short term exposure:** Significant oral exposure is considered to be unlikely. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

**Long term exposure:** No data for health effects associated with long term ingestion.

#### Carcinogen Status:

**SWA:** No significant ingredient is classified as carcinogenic by SWA

**NTP:** No significant ingredient is classified as carcinogenic by NTP

**IARC:** No significant ingredient is classified as carcinogenic by IARC

## 3 Composition/information on ingredients

### 3.2 Mixture.

**Description:** Mixture of substances listed below with nonhazardous additives.

#### Hazardous components:

Identification #	Description	WT. %
CAS: 147-14-8, 1328-53-6, 1333-86-4, 1309-37-1, 13463-67-7, 51274-00-1 EINECS: Index No.:	<b>SYNTHETIC PIGMENTS VARIOUS COLORS</b> GHS Classification: non hazardous	30%
CAS: 68585-47-7 EINECS: Index: No:	<b>MODIFIED ACRYLIC POLYMER</b> GHS Classification: non hazardous	18-28%
CAS: 7732-18-5	<b>Water</b>	10-20%

**Additional information:** Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers). Additional H statements see Sec 16.

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### 4 First aid measures

#### 4.1 Description of first aid measures

##### After inhalation:

If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.

##### After skin contact:

Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder contaminated clothing before re-use.

##### After eye contact:

If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention.

##### After swallowing:

If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or MSDS with the victim to the health professional.

#### 4.2 Most important symptoms and effects, both acute and delayed.

**Acute:** This material may cause irritation to skin and eyes. Product may cause an allergic skin reaction in rare cases.

**Target Organs:** Acute:, Skin

**Hazards:** Pre-existing skin or eye problems may be aggravated by exposure to this product.

#### 4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptoms and reduce over-exposure.

### 5 Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing agents:** Carbon dioxide, dry chemical, water spray, alcohol resistant foam.

#### 5.2 Special hazards arising from the substance or mixture:

Carbon Oxides, Carbon Oxides, Carbon Oxides

#### 5.3 Advice for firefighters:

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

### 6 Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures:

Personnel should be trained for spill response operations.

#### 6.2 Environmental precautions:

All work practices must be aimed at eliminating environmental contamination.

#### 6.3 Methods and material for containment and cleaning up:

Contain spill if safe to do so. Prevent entry into drains, sewers, and other waterways. Sweep up or vacuum spilled material and place in an appropriate waste container for disposal. Do not mix with other wastes. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

### 7 Handling and storage

#### 7.1 Precautions for safe handling

As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors/mists generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.

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### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage:

#### Requirements to be met by storerooms and receptacles:

Store in tightly sealed containers. Avoid contact with skin and eyes. Good general housekeeping procedure should be followed. Do not eat drink or smoke while using the material. Emergency showers should be readily available. Avoid contact with skin eyes. Use only with good ventilation and PPE. Keep container closed when not in use.

**7.3 Specific end use(s):** No information

## 8 Exposure controls/personal protection

### Additional information about design of technical facilities:

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

### 8.1 Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

### 8.2 Exposure controls

#### Personal protective equipment:

#### General protective and hygienic measures:

*The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.*

**Respiratory protection:** Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**Protection of hands:** Use chemical resistant gloves to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.



Protective gloves

#### Material of gloves:

The selection of suitable gloves does not only depend on the material, but also on the quality, and varies from manufacturer to manufacturer.

#### Penetration time of glove material:

The exact break through time has to be determined by the manufacturer of the protective gloves. DO NOT exceed the breakthrough time set by the Manufacturer.

**Eye protection:** Safety glasses or chemical goggles as appropriate to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.



Tightly sealed goggles

#### Body Protection:

Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

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### 9 Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

##### Appearance:

Form:	Liquid
Color:	Various colors, yellow, blue, red, black, white etc
Odor:	Slight ammonia odor
Odor threshold:	N/A

pH-value:	Not Available
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##### Change in condition

Melting point/Melting range:	No data available
Boiling point/Boiling range:	

Flash point:	No data available
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Flammability (solid, gaseous):	No data available
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Auto/Self-ignition temperature:	Not established
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Decomposition temperature:	No data available
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Self-igniting:	No data available
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Danger of explosion:	Not applicable
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##### Explosion limits

Lower + Upper:	Not established
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Vapor pressure at:	Nil at normal temperatures
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Density at 20°C:	No data available
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Relative density:

Vapor density:

Evaporation rate:

Solubility in / Miscibility with Water:	No data available
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Specific Gravity 23 C: (Water = 1):

Viscosity:

Dynamic:	No data available
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Kinematic:	No data available
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Solvent content:	No data available
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Organic solvents:	0
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VOC (EC)	No data available
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9.2 Other information	None
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### 10 Stability and reactivity

**10.1 Reactivity:** This product is unlikely to react or decompose under normal storage conditions.

**10.2 Chemical stability:** hygroscopic. Product is stable.

**Thermal decomposition / conditions to be avoided:** No significant quantities of decomposition products are expected at temperatures normally achieved in a fire.

**10.3 Possibility of hazardous reactions:** No data available

**10.4 Conditions to avoid:** Keep containers tightly closed. Containers should be kept dry.

**10.5 Incompatible materials:** Oxidizing agents and strong acids should be avoided.

**10.6 Hazardous decomposition products:** - No data available in event of fire see Section 5.

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## 11 Toxicological information

**11.1 Information on toxicological effects:** No data available

## 12 Ecological information

### 12.1 Toxicity

#### Aquatic toxicity:

No data available

**12.2 Persistence and degradability:** No data available

**12.3 Bio accumulative potential:**

No data available.

**12.4 Mobility in soil:** No data available

**General notes:** No data available

**12.5 Results of PBT and vPvB assessment**

PBT.vPvB assessment not available, chemical assessment not required /not conducted.

## 13 Disposal considerations

### 13.1 Waste treatment methods

#### Recommendations:

Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan. Recommended to contact local licensed professional waste disposal service.

**RCRA WASTE CODE:** None Listed

**EU WASTE CODE:** Not Listed

## 14 Transport information

### 14.1 UN-Number

**IMDG:**

Not dangerous goods. No UN number assigned

**ADR, DOT, IATA:** TGD

### 14.2 UN proper shipping name

**DOT:ADR,IMDG,IATA,TGD**

Not dangerous goods

### 14.3 Transport hazard class(es)

**DOT**

**Class:**

**Label:**

None

**ADR, IMDG, IATA**

**Class:**

**Label:**

None

### 14.4 Packing group

**DOT, ADR, IMDG, IATA:**

None

### 14.5 Environmental hazards:

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<b>Marine pollutant:</b>	This products ingredients are not classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)
<b>14.6 Special precautions for user</b>	
<b>Danger code (Kemler):</b>	No data available
<b>EMS Number:</b>	No data available
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	No data available
<b>Transport/Additional information</b>	
<b>ADR</b>	
<b>Tunnel restriction code</b>	No data available
<b>UN "Model Regulation":</b>	No data available

### 15 Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture. United States (USA)

**SARA:** This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.: None

**Section 355 (extremely hazardous substances):** None of the ingredients are listed.

**Section 313 (Toxic Release Inventory):** None of the ingredients are listed.

**TSCA (Toxic Substances Control Act):** All ingredients are listed.

#### Proposition 65 (California):

##### Chemicals known to cause cancer:

None of the ingredients is listed.

#### Canada

##### Canadian Domestic Substances List (DSL):

All ingredients are listed

##### Canadian Ingredient Disclosure list (limit 0.1%):

None of the ingredients are listed.

##### Canadian Ingredient Disclosure list (limit 1%):

None of the ingredients are listed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

#### Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation.

IATA: International Air Transport Association.

ACGIH: American Conference of Governmental Industrial Hygienists.

EINECS: European Inventory of Existing Commercial Chemical Substances.

ELINCS: European List of Notified Chemical Substances.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

NFPA: National Fire Protection Association (USA).

HMIS: Hazardous Materials Identification System (USA).

LC50: Lethal concentration, 50 percent.

LD50: Lethal dose, 50 percent.