

## 1. Product and Company Identification

<b>Product Code:</b>	POLY-CP-000	
<b>Product Name:</b>	Polyaspartic Color Packs (PCP)	
<b>Company Name:</b>	Key Resin Company	<b>Phone Number:</b>
	4050 Clough Woods Dr.	+1 (513)943-4225
	Batavia, OH 45103	
<b>Emergency Contact:</b>	Chemtrec (USA)	(800)424-9300
	Chemtrec (International)	+1 (703)527-3887
<b>Intended Use:</b>	Industrial floor coatings.	

## 2. Hazards Identification

**Skin Corrosion/Irritation, Category 2**  
**Skin Sensitization, Category 1**  
**Serious Eye Damage/Eye Irritation, Category 2**  
**Aquatic Toxicity (Chronic), Category 2**



**Warning**

<b>GHS Hazard Phrases:</b>	H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H411 - Toxic to aquatic life with long lasting effects.
<b>GHS Precaution Phrases:</b>	P202 - Do not handle until all safety precautions have been read and understood. P262 - Do not get in eyes, on skin, or on clothing. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P273 - Avoid release to the environment.
<b>GHS Response Phrases:</b>	P302+352 - IF ON SKIN: Wash with plenty of soap and water. P362 - Take off contaminated clothing. P333+313 - If skin irritation or rash occurs, seek medical advice/attention. P363 - Wash contaminated clothing before reuse. P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313 - If eye irritation persists, get medical advice/attention. P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P314 - Get medical attention/advice if you feel unwell. P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P330 - Rinse mouth. P310 - Immediately call a POISON CENTER or doctor/physician. P391 - Collect spillage.
<b>GHS Storage and Disposal Phrases:</b>	P404 - Store in a closed container. P501 - Dispose of contents/container to local, state, and federal authority requirements.

# SAFETY DATA SHEET

## Polyaspartic Color Packs (PCP)

**Potential Health Effects (Acute and Chronic):**  
 Can cause severe eye irritation.  
 Causes skin irritation.  
 May cause allergic skin reaction.  
 May cause sensitization by skin contact.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
25068-38-6	Bisphenol-a based epoxy resin	40 - 50 %	
1309-37-1	Iron oxide (Fe <sub>2</sub> O <sub>3</sub> )	<=45 % MAX	Depends on color selection
51274-00-1	C.I. Pigment Yellow 42	<=45 % MAX	Depends on color selection
1333-86-4	Carbon black	<=45 % MAX	Depends on color selection
13463-67-7	Titanium dioxide	<=45 % MAX	Depends on color selection
1318-02-1	Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite,	1.0 - 10 %	
68609-97-2	Oxirane, Mono.((C12-14-alkyloxy)methyl.). derivs.	1.0 - 10 %	

### 4. First Aid Measures

#### Emergency and First Aid

##### Procedures:

**In Case of Inhalation:** Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.

**In Case of Skin Contact:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

**In Case of Eye Contact:** Hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

**In Case of Ingestion:** IF SWALLOWED: Do not induce vomiting. Rinse mouth with water. Get medical attention immediately.

### 5. Fire Fighting Measures

**Flash Pt:** > 200.00 F (93.3 C) Method Used: Closed Cup

**Explosive Limits:** LEL: No data. UEL: No data.

**Autoignition Pt:** No data.

**Suitable Extinguishing Media:** Use water spray, foam, dry chemical, or carbon dioxide.

**Unsuitable Extinguishing Media:** None Known.

**Fire Fighting Instructions:** Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). Containers can build up pressure if exposed to heat (fire).

**Flammable Properties and Hazards:** Product is not considered a fire hazard. Closed containers may rupture (due to build up in pressure) when exposed to extreme heat.

### 6. Accidental Release Measures

**Protective Precautions, Protective Equipment and Emergency Procedures:** Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. Where splashing is possible, full chemically resistant protective clothing, safety glasses or face shield and boots are required.

**Environmental Precautions:** Prevent entry into waterways, sewers, basements or confined areas. Avoid release to the environment. Water polluting material. May be hazardous to the environment if released in large quantities.

**Steps To Be Taken In Case Material Is Released Or Spilled:** Clean up spills immediately, observing precautions in the Protective Equipment section. Absorb with sand or vermiculite and place in closed containers for disposal.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** Do not get in eyes or on skin and clothing. Do not inhale vapors. Provide adequate ventilation. Wear all personal protection required in section 8.

**Precautions To Be Taken in Storing:** Store in a cool, dry place. Keep container closed when not in use.

**Other Precautions:** Read product SDS and all labels before use.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
25068-38-6	Bisphenol-a based epoxy resin	No data.	No data.	No data.
1309-37-1	Iron oxide (Fe2O3)	PEL: 10 mg/m3	TLV: 5 mg/m3 (dust & fume)	No data.
51274-00-1	C.I. Pigment Yellow 42	No data.	No data.	No data.
1333-86-4	Carbon black	PEL: 3.5 mg/m3	TLV: 3.5 mg/m3	No data.
13463-67-7	Titanium dioxide	PEL: 15 (dust) mg/m3	TLV: 10 mg/m3	No data.
1318-02-1	Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite,	No data.	No data.	No data.
68609-97-2	Oxirane, Mono.(.C12-14-alkyloxy)methyl.). derivs.	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** Normally when good engineering controls are used, no respiratory protection is needed. However, if cured product is abraded by sanding or grinding use a NIOSH approved air-purifying respirator. Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

**Eye Protection:** Safety glasses, or goggles.

**Protective Gloves:** Chemical resistant gloves. Nitrile rubber and Neoprene are recommended.

**Other Protective Clothing:** Where splashing is possible, full chemically resistant protective clothing, safety glasses or face shield and boots are required.

**Engineering Controls (Ventilation etc.):** Good general ventilation should be sufficient to control airborne levels. Safety shower and eye bath.

**Work/Hygienic/Maintenance** Wash thoroughly after handling. Wash contaminated clothing before reuse. Handle in



### 11. Toxicological Information

<b>Toxicological Information:</b>	May cause sensitization by skin contact.
<b>Irritation or Corrosion:</b>	Irritating to eyes. Skin Irritation.
<b>Symptoms related to Toxicological Characteristics:</b>	Prolonged or repeated contact may cause skin irritation with local redness. May cause allergic reactions. May cause rash on skin, and redness in eyes. May cause coughing by inhalation of a mist or spray. May cause skin sensitization.
<b>Sensitization:</b>	Skin sensitization.
<b>Chronic Toxicological Effects:</b>	Skin sensitization.

### 12. Ecological Information

<b>General Ecological Information:</b>	Avoid release to the environment. May be hazardous to the environment if released in large quantities.
<b>Results of PBT and vPvB assessment:</b>	Not reported.
<b>Persistence and Degradability:</b>	Not readily biodegradable.
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	not reported, unknown.

### 13. Disposal Considerations

<b>Waste Disposal Method:</b>	Incinerate or dispose of unused material, residues and containers in a licensed facility in accordance with all applicable local, state and federal regulations. Do not discharge substance/product into sewage system.
-------------------------------	---

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** (Non-Bulk)  
Not Regulated.

(Bulk)  
PROPER SHIPPING NAME: UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, n.o.s. (EPOXY RESIN) MARINE POLLUTANT.

NOTE: Marine Pollutants - DOT requirements specific to Marine Pollutants do not apply to non-bulk packagings transported by motor vehicles, rail cars or aircraft.

**DOT Hazard Class:**

**UN/NA Number:**

**Precautionary Label:** Avoid skin and eye contact. May cause eye and skin irritation. May cause skin sensitization. Wear protective equipment and clothing. Always read MSDS/SDS before use.

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** PROPER SHIPPING NAME: UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, n.o.s. (EPOXY RESIN) MARINE POLLUTANT.

Note: The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. Shipment compliance is the responsibility of the person offering the product for transport.

# SAFETY DATA SHEET

## Polyaspartic Color Packs (PCP)

<b>UN Number:</b>	<b>Packing Group:</b>
<b>Hazard Class:</b>	
<b>IMDG EMS Number:</b> FA-SF	<b>IMDG MFAG Number:</b>
<b>IMDG EMS Page:</b>	Yes
<b>AIR TRANSPORT (ICAO/IATA):</b>	
<b>ICAO/IATA Shipping Name:</b> (Non-Bulk)	
	Not Regulated.
	(Bulk)
	PROPER SHIPPING NAME: UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, n.o.s. (EPOXY RESIN) MARINE POLLUTANT.
NOTE: Marine Pollutants - DOT requirements specific to Marine Pollutants do not apply to non-bulk packagings transported by motor vehicles, rail cars or aircraft.	

### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
25068-38-6	Bisphenol-a based epoxy resin	No	No	No
1309-37-1	Iron oxide (Fe2O3)	No	No	No
51274-00-1	C.I. Pigment Yellow 42	No	No	No
1333-86-4	Carbon black	No	No	No
13463-67-7	Titanium dioxide	No	No	No
1318-02-1	Zeolites other than erionite (clinoptilolite, phillipsite, mordenite, non-fibrous Japanese zeolite,	No	No	No
68609-97-2	Oxirane, Mono. (. (C12-14-alkyloxy)methyl.). derivs.	No	No	No

**This material meets the EPA**  Yes  No Acute (immediate) Health Hazard  
**'Hazard Categories' defined**  Yes  No Chronic (delayed) Health Hazard  
**for SARA Title III Sections**  Yes  No Fire Hazard  
**311/312 as indicated:**  Yes  No Sudden Release of Pressure Hazard  
 Yes  No Reactive Hazard

**SAFETY DATA SHEET**  
**Polyaspartic Color Packs (PCP)**

**16. Other Information**

Revision Date: 05/12/2020

Hazard Rating System:

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PPE</b>	

HMIS:

**Additional Information About This Product:** CA=CIRCA NA=NOT AVAILABLE NE=NOT ESTABLISHED NR=NOT REGULATED  
NP= NOT APPLICABLE PR=PROPRIETARY TS=TRADE SECRET ?=UNKNOWN.