

# SAFETY DATA SHEET

## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** AQUA--GEM CLEAR AND COLORS PART A RESIN

**Company:** POLYGEM INC.  
PO Box 609  
West Chicago, Illinois 60185

**Telephone:** 630-231-5600  
630-231-5604 (Fax Line)

**Emergency Telephone Number:** 1-800-535-5053 USA  
01-352-323-3444 International

## Section 2 - HAZARDS IDENTIFICATION

### GHS CLASSIFICATION OF SUBSTANCE OR MIXTURE:

Skin irritation: Category 2, H315  
Skin Sensitization Category 1 H317  
Eye irritation: Category 2, H319

### GHS LABEL ELEMENTS:

#### HAZARD SYMBOLS:



**SIGNAL WORD:** Warning

See SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective

**HAZARD STATEMENTS:** H315 Causes skin irritation.

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.

### PRECAUTIONARY STATEMENTS:

**RESPONSE:** P261 Avoid breathing mist/vapors/spray

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves, clothing, and eye/face protection.

**P302 + P352 IF ON SKIN: wash with plenty of soap and water**

**RESPONSE: P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.**

Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical attention.

**P337+P313 If eye irritation persists: Get medical attention.**

P362+P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

**STORAGE:** Not applicable.

**DISPOSAL: P501 Dispose of contents and containers in accordance with local, regional and international regulations.**

Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS) – Annex III

#### HMIS RATING:

CHEMICAL NAME	
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	F

See SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

#### Potential Health Effects

**Eye contact:** Mild or moderate irritation, possible minor temporary cornea injury.  
**Skin contact:** May cause skin irritation on prolonged or repeated exposure.  
**Skin absorption:** Not considered toxic.  
**Inhalation:** May cause nasal irritation, central nervous system depression or lung injury.  
**Chronic effects of over exposure:** None

#### OSHA GHS Classification

This product is classified as hazardous as defined within the GHS OSH Hazard Communication Standard 29CFR1910 1200

### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

#### Substances N/A

<u>Mixtures</u>	<u>CAS#</u>	<u>%</u>
Bisphenol A Epoxy Resin	25058-99-8	<75
Alkyl C12- C14 Glycidyl Ether	68609-97-2	>25

EINECS: 271-846-8  
HAZARD CLASSIFICATION: [Xi] Irritant  
RISK PHRASES: R38, R43

\*ALL INGREDIENTS ARE REGISTERED ON TSCA.

\*Unless otherwise noted, all PEL and TLV Values are reported as 8 hour time weighted averages (TWA)

### Section 4 - FIRST AID MEASURES

#### Description of First Aid Measures

**General advice:** consult a physician; show this SDS to doctor in attendance.

**In the event of skin contact:** Drench the affected area immediately with plenty of water:

Remove contaminated clothing. Wash thoroughly with soap and water for at least 15 minutes

Seek medical attention if irritation, rash or other adverse effects occur.

**In the event of eye contact:** Bathe the eye with running water for at least 15 minutes, lifting the upper and lower eye lids. Get medical attention if symptoms persist.

In the event of exposure by inhalation: Move person to fresh air. Get medical attention if symptoms develop

#### Most important symptoms and effects both acute and delayed

Skin irritation, allergic reactions.

#### Indication of immediate medical attention and special treatment needed

No specific antidote; treat symptomatically

Eye wash stations and emergency showers should be available.

### Section 5 - FIRE FIGHTING MEASURES

**Recommended Extinguishing Media:** Foam, carbon dioxide, dry chemicals or fog. Use water spray to cool fire exposed containers. **Do not use direct water stream which may spread fire.**

**Special Fire Fighting Procedures:** Firefighters should wear protective goggles and self contained breathing apparatus to avoid inhalation of smoke or vapors. Remove all ignition sources.

#### **Unusual Fire or Explosion Hazards**

Exposure to decomposition products may be harmful to health; combustion products may include but are not limited to: carbon monoxide, carbon dioxide, phenolics, aldehydes; smoke may contain particles of the original material as well. Prevent fire-fighting waters from entering sewer or waterways.

**Advice for fire fighters:** Use protective fire fighting clothing and positive pressure selfcontained breathing apparatus to protect against potential harmful and/or irritating fumes. Do not use high volume water jet as this may spread the area of the fire.

additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material; Have an eye wash station available.

#### **Skin and Body Protection:**

Avoid skin contact by wearing chemically resistant gloves and long sleeved shirt. An apron may be appropriate if splashing can occur.

### **Section 9: Physical and Chemical Properties**

<b>Physical state:</b>	Liquid
<b>Color:</b>	Clear
<b>Odor:</b>	Aromatic Odor
<b>Weight by gallon:</b>	15 lbs.
<b>Solids (% by weight)</b>	100
<b>V.O.C.</b>	0 g/L
<b>Boiling range:</b>	280 F
<b>Melting point:</b>	N/A
<b>Density:</b>	1.2
<b>Percent volatile:</b>	0 by Weight
<b>Vapor density (air=1):</b>	Heavier than air
<b>Vapor pressure (mm Hg):</b>	N/A
<b>Evaporation rate:</b>	N/A
<b>Water miscibility:</b>	Limited

### **Section 10: Stability and Reactivity**

<b>Stability:</b>	Stable
<b>Incompatibility:</b>	Strong Oxidizers, acids, bases and epoxy hardeners under controlled conditions.
<b>Hazardous polymerization:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Carbon Monoxide, Carbon Dioxide, smoke. Others Unknown.
<b>Conditions to avoid:</b>	Heat and warm storage.

### **Section 11: Toxicological Information**

<b><u>Chemical Name</u></b>	<b><u>LD50/LC50</u></b>
Epoxy Resin	Not established

### **Section 12: Ecological Information**

**Overview:** No ecological information available.

**Section 13: Disposal Considerations**

To the best of our knowledge, this product does not meet the definition of hazardous waste under U.S. EPA Hazardous Waste Regulations 40 CFR 261. Disposal via incineration at an approved facility is recommended. Consult state, local or provincial authorities for more restrictive requirements.

**Section 14: Transport Information**

Consult Bill of Lading for transportation information

**DOT:** Not Regulated

**IATA:** Not Regulated

**Section 15: Regulatory Information**

**OSHA Hazard Communication Standard (29 CFR 1910.1200) Hazard Class(es):** N/A

**SARA Hazard Classification:** SARA Title III Regulations (40 CFR 370): Acute

**SARA Section 313 Listed Ingredients:** This material does not contain any substance which is subject to the reporting requirements of 40 CFR 372.

**DOT Proper Shipping Name:** n/a

**UN Number:** n/a

**Section 16: Other Information**

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