

POLYBOND SAFETY DATA SHEET



Blending Cement Products Since 1967

SAFETY DATA SHEET
POLYBOND

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: PolyBond	Product Use: REPAIR PRODUCT ADDITIVE
Manufacturer's Name: CGM Incorporated	Emergency Telephone: 215-638-4400 OR 800-523-6570
Address: 1445 Ford Road, Bensalem, PA 19020	Telephone Number: 215-638-4400
Date Prepared: JUNE 2013	Date Updated: September 30, 2018

SECTION 2: HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION
Skin Irritation 2 Serious Eye Damage 2A Skin Sensitization 1B Specific Target Organ Toxicity – Single Exposure 3
LABEL ELEMENTS
<p>Hazard Pictogram:</p> <div style="text-align: center;"> </div> <p>Signal Word: Warning</p> <p>Hazard Statement: May cause skin irritation. May cause eye irritation. May be harmful if swallowed. May cause stomach distress, nausea or vomiting. May cause respiratory tract irritation. Prolonged or repeated contact may dry skin and cause irritation.</p> <p>Prevention: Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, and face protection. Use only outdoors or in a well-ventilated area. Do not breathe vapor or mist. Do not eat, drink or smoke when using this product.</p> <p>Response: If on skin: Wash with plenty of water. Take off contaminated clothing and wash clothing before reuse. If skin irritation or rash occurs: get medical advice and/or attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easily removed and continue rinsing. Immediately call a poison center or doctor. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If exposed or concerned: Get medical advice and attention.</p> <p>Storage: Store locked up. Store in a well-ventilated place between 10°C (50°F) and 30°C (90°F). Keep container tightly closed.</p> <p>Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.</p>
ADDITIONAL INFORMATION
<p>Hazards not otherwise classified: Not applicable. 5.0 % of the mixture consists of ingredient(s) of unknown acute toxicity.</p>

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL OR INGREDIENT	CAS #	WT. %
Polymers	Not Hazardous	12-25
Residual Monomers	Not Required	<0.05
Water	7732-18-5	70-85

Exact composition percentage/concentration has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

SECTION 4: FIRST-AID MEASURES

DESCRIPTION OF THE FIRST AID MEASURE
<p>Eye: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.</p> <p>Skin: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.</p> <p>Inhalation: If breathed in, remove victim to fresh air and keep at rest in a position comfortable for breathing. Give oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical advice/attention if you feel unwell.</p> <p>Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Give 2 cupfuls of water if victim is conscience and alert. Get medical advice/attention.</p>
IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED
<p>Eye: May cause serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.</p> <p>Skin: Symptoms may include redness, edema, drying, defatting and cracking of the skin. Do not allow continuous, prolonged contact with skin. May cause sensitization by skin contact.</p> <p>Inhalation: May cause respiratory tract irritation.</p> <p>Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.</p>
INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED
<p>Note to Physicians: Symptoms may not appear immediately. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.</p> <p>Specific Treatments: In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).</p>

SECTION 5 – FIRE-FIGHTING MEASURES

FLAMMABILITY
Flammability: Not flammable by WHMIS/OSHA criteria.
EXTINGUISHING MEDIA
Suitable Extinguishing Media: Treat for surrounding material. Powder, water spray, foam, carbon dioxide.
Unsuitable Extinguishing Media: Not available.
SPECIAL HAZARDS ARISING FROM THE CHEMICAL
Products of Combustion: May include, and are not limited to: oxides of carbon and iron.
Explosion Data: Sensitivity to Mechanical Impact: Not available. Sensitivity to Static Discharge: Not available.
SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS
Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN - UP

Methods for Containment: Contain spill with inert material (sand, vermiculite, etc.) and place in a suitable container. Do not flush to sewer or allow material to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Cleaning-Up: Contain spills immediately with inert materials (e.g., sand, earth). Scoop up material and place in a disposal container. Provide adequate ventilation.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Handling: Avoid contact with skin, eyes and clothing. Do not swallow. Do not breathe vapor or mist. Good housekeeping is important to prevent accumulation of material. Avoid generating mist. Use only in well-ventilated areas. Handle and open container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking. (See section 8)

General Hygiene Advice: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage: Keep out of the reach of children. Store in air-tight labeled containers. Keep containers closed when not in use. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area. Keep from freezing. Store in a temperature controlled area between 10°C (50°F) and 30°C (90°F). Stir well before use. Use corrosion-resistant structural materials and lighting and ventilation systems in the storage area. (See section 10)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

Exposure Guidelines

Ingredient	Occupational Exposure Limits	
	OSHA-PEL	ACGIH-TLV
Polymers	Not available.	Not available.
Residual Monomers	Not available.	Not available.
Water	Not available.	Not available.

EXPOSURE CONTROLS

Engineering Controls: Use adequate ventilation to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

INDIVIDUAL PROTECTIVE MEASURES

Personal Protective Equipment:

Eye/Face Protection: Wear approved eye (properly fitted dust- or splash-proof chemical safety goggles) / face (face shield) protection.

Skin Protection:

Hand Protection: Wear suitable gloves.

Body Protection: Wear suitable protective clothing.

Respiratory Protection: A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).

General Health and Safety Measures: Handle according to established industrial hygiene and safety practices.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Color	Milky White
Odor	Characteristic
Odor Threshold	Not Available
Physical State	Liquid Emulsion
pH	5 to 8
Melting Point/Freezing Point	1°C (34°F)
Initial Boiling Point and Boiling Range	100°C (212°F)
Flash Point	Not Available
Evaporation Rate	Not Available
Flammability	Not Flammable
Lower Flammability/Explosive Limit	Not Available
Upper Flammability/Explosive Limit	Not Available
Vapor Pressure	Not Available
Vapor Density	Not Available
Relative Density/Specific Gravity	1.0 to 1.1
Solubility	Partial
Partition coefficient: n-octanol/water	Not Available
Auto-Ignition Temperature	Not Available
Decomposition Temperature	Not Available
Viscosity	Not Available
Oxidizing Properties	Not Available
Explosive Properties	Not Available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY
No dangerous reaction known under conditions of normal use.
CHEMICAL STABILITY
Stable under normal storage conditions. Keep dry in storage.
POSSIBILITY OF HAZARDOUS REACTIONS
No dangerous reaction known under conditions of normal use.
CONDITIONS TO AVOID
Avoid temperatures above 177°C (350°F). Toxic decomposition products may be formed.
INCOMPATIBLE MATERIALS
Strong oxidizers. Strong alkalis. Strong mineral acids.
HAZARDOUS DECOMPOSITION PRODUCTS
May include, and are not limited to: oxides of carbon and nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Likely Routes of Exposure: Skin contact, skin absorption, eye contact, inhalation, and ingestion.

Symptoms related to physical/chemical/toxicological characteristics:

Eye: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Skin: Symptoms may include redness, edema, drying, defatting and cracking of the skin. Do not allow continuous, prolonged contact with skin. May cause sensitization by skin contact.

Inhalation: May cause respiratory tract irritation.

Acute Toxicity:

Ingredient	LC50	LD50
Polymers	Not available.	Not available.
Residual Monomers	Not available.	Not available.

Calculated overall Chemical Acute Toxicity Values		
LC50 (inhalation)	LD50 (oral)	LD50 (dermal)
Not available.	Not available.	Not available.

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)*
Polymers	Not listed.
Residual Monomers	Not listed.

(* See Section 15)

DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT-TERM AND LONG-TERM EXPOSURE

Skin Corrosion/Irritation: May cause skin irritation.

Serious Eye Damage/Irritation: May cause serious eye damage.

Respiratory Sensitization: Based on available data, the classification criteria are not met.

Skin Sensitization: May cause an allergic skin reaction.

STOT-Single Exposure: May cause respiratory irritation.

Chronic Health Effects:

Carcinogenicity: Not hazardous by WHMIS/OSHA criteria.

Germ Cell Mutagenicity: Not hazardous by WHMIS/OSHA criteria.

Reproductive Toxicity:

Developmental: Based on available data, the classification criteria are not met.

Teratogenicity: Not hazardous by WHMIS/OSHA criteria.

Embryotoxicity: Not hazardous by WHMIS/OSHA criteria.

Fertility: Based on available data, the classification criteria are not met.

STOT-Repeated Exposure: May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard: Based on available data, the classification criteria are not met.

Toxicologically Synergistic Materials: Not available.

Other Information: Not available.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY
Acute/Chronic Toxicity: May cause long-term adverse effects in the aquatic environment.
PERSISTENCE AND DEGRADABILITY
Not available.
BIOACCUMULATIVE POTENTIAL
Bioaccumulation: Not available.
MOBILITY IN SOIL
Not available.
OTHER ADVERSE EFFECTS
Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS
Disposal Method: This material must be disposed of in accordance with all local, state, provincial, and federal regulations. Other Disposal Recommendations: Not available

SECTION 14: TRANSPORT INFORMATION

UN NUMBER
Not regulated.
UN PROPER SHIPPING NAME
Not applicable.
TRANSPORT HAZARD CLASS (ES)
Not applicable.
ENVIRONMENTAL HAZARDS
Not available.
SPECIAL PRECAUTIONS
Do not handle until all safety precautions have been read and understood.

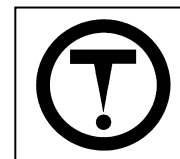
SECTION 15: REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATIONS SPECIFIC FOR THE CHEMICAL				
SDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012				
SARA Title III				
Ingredient	Section 302 (EHS) TPQ (lbs.)	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 313
Polymers	Not listed.	Not listed.	Not listed.	Not listed.
Residual Monomers	Not listed.	Not listed.	Not listed.	Not listed.
California Proposition 65: This product does not contain a chemical known to the state of California to cause cancer.				
WHMIS Classification(s): Class D2A – Chronic Toxic Effects Class D2B - Skin/Eye Irritant				

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TSCA:

WHMIS Hazard Symbols:



Ingredient	USA TSCA LISTED
Polymers	Yes.
Residual Monomers	Yes.

All ingredients used to manufacture this product are listed or exempted from being listed on the TSCA and DSL inventories.

NFPA National Fire Protection Association	
Health:	1
Fire:	0
Reactivity:	0

HMIS-Hazardous Materials Identification System	
Health:	2*
Fire:	0
Reactivity:	0

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

*** SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:**

CP65 California Proposition 65

OSHA (O) Occupational Safety and Health Administration.

ACGIH (G) American Conference of Governmental Industrial Hygienists.

- A1 - Confirmed human carcinogen.
- A2 - Suspected human carcinogen.
- A3 - Animal carcinogen.
- A4 - Not classifiable as a human carcinogen.
- A5 - Not suspected as a human carcinogen.

IARC (I) International Agency for Research on Cancer.

- 1 - The agent (mixture) is carcinogenic to humans.
- 2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.
- 2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.
- 3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
- 4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N) National Toxicology Program.

- 1 - Known to be carcinogens.
- 2 - Reasonably anticipated to be carcinogens.

SECTION 16: OTHER INFORMATION

Date of Preparation:	November 18, 2014
Version:	1809
Revision Date:	September 30, 2018
Prepared by:	

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