

Safety Data Sheet



PolyBond

Version 1

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

1.1 Trade Name (as labeled): PolyBond
Synonyms: N/A

1.2 Product Use: Repair Product Additive

1.3 Company Name: SpecChem
Company Address: 1511 Baltimore Ave; Suite 600
Company Address Cont: Kansas City, MO 64108
Business Phone: (816) 968-5600
Website: www.specchemllc.com

1.4 Emergency Telephone Number: **Emergency: 215-638-4400 OR 800-523-6570**
Date of Last Revision: June, 2013
Date of Current Revision: 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

Other hazards:
No data available.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	CASRN	Concentration
Acrylic polymer(s)	Not hazardous	12-25%
Residual monomers	Not required	< 0.05%
Water	7732-18-5	70-85%

SECTION 4 – FIRST AID MEASURES

Description of first aid measures

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.

Skin contact: 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.

Eye contact: 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.

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.

Most important symptoms and effects, both acute and delayed: Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of any immediate medical attention and special treatment needed

Notes to physician: Symptoms may not appear immediately. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

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SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: Treat for surrounding material. Powder, water spray, foam, carbon dioxide.

Unsuitable extinguishing media: No data available

Special hazards arising from the substance or mixture Hazardous combustion products: May include, and are not limited to: oxides of carbon and iron.

Unusual Fire and Explosion Hazards: No data available

Advice for firefighters

Fire Fighting Procedures: Keep upwind of fire.

Special protective equipment for firefighters: Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6 – ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

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.

Environmental precautions: May be harmful to aquatic life.

Methods and materials for containment and cleaning up: 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). 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: 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)

Conditions for safe 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 10OC (50OF) and 30OC (90OF). 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 limits are listed below, if they exist.

Exposure controls

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

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Protective measures: Handle according to established industrial hygiene and safety practices.

Individual protection measures

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).

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state: liquid

Color: Milky white

Odor: Characteristic

Odor Threshold: no data available

pH: 9.3 - 10.2

Melting point/range: 1°C (34°F)

Freezing point: no data available

Boiling point: 100°C (212°F)

Flash point: no data available

Evaporation Rate (Butyl Acetate = 1): no data available

Flammability (solid, gas): no data available

Lower explosion limit: no data available

Upper explosion limit: no data available

Vapor Pressure: no data available

Relative Vapor Density (air = 1): no data available

Relative Density (water = 1): 1.0 to 1.1

Water solubility: Partial

Partition coefficient n-octanol/water: no data available

Auto-ignition temperature: no data available

Decomposition temperature: no data available

Dynamic Viscosity: no data available

Kinematic Viscosity: no data available

Explosive properties: no data available

Oxidizing properties: no data available

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Molecular weight: no data available

Percent volatility: 52 - 54 % Water

NOTE: The physical data presented above are typical values and should not be construed as a specification.

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 177OC (350OF). Toxic decomposition products may be formed.

Incompatible materials: Strong oxidizers. Strong alkalis. Strong mineral acids.

SECTION 11 – TOXICOLOGY INFORMATION

Toxicological information on this product or its components appear in this section when such data is available.

Acute toxicity

Acute oral toxicity

Not available

Acute dermal toxicity

Not available

Acute inhalation toxicity

Not available

Skin corrosion/irritation

May cause transient irritation.

Serious eye damage/eye irritation

May cause serious eye damage

Sensitization

May cause an allergic skin reaction.

Specific Target Organ Systemic Toxicity (Single Exposure)

May cause respiratory irritation

Specific Target Organ Systemic Toxicity (Repeated Exposure)

May cause damage to organs through prolonged or repeated exposure.

Carcinogenicity

Not hazardous by WHMIS/OSHA criteria.

Teratogenicity

Not hazardous by WHMIS/OSHA criteria

Reproductive toxicity

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

Mutagenicity

Not hazardous by WHMIS/OSHA criteria.

Aspiration Hazard

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

Additional information

No data available

COMPONENTS INFLUENCING TOXICOLOGY:

Acrylic polymer(s)

Acute inhalation toxicity

No data available

Residual monomers

No data available

Acute inhalation toxicity

No data available

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicological information on this product or its components appear in this section when such data is available.

General Information

There is no data available for this product.

Toxicity

Acrylic polymer(s)

Acute toxicity to fish

May cause long-term adverse effects in the aquatic environment.

Residual monomers

Acute toxicity to fish

May cause long-term adverse effects in the aquatic environment.

Persistence and degradability

Acrylic polymer(s)

Biodegradability: No relevant data found.

Residual monomers

Biodegradability: No relevant data found.

Bioaccumulative potential

Acrylic polymer(s)

Bioaccumulation: No relevant data found.

Residual monomers

Bioaccumulation: No relevant data found.

Mobility in soil

Residual monomers

No relevant data found.

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SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal methods: This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

SECTION 14 - TRANSPORTATION INFORMATION

DOT

Not regulated for transport

Classification for SEA transport (IMO-IMDG):

Not regulated for transport

Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code:

Not applicable.

Classification for AIR transport (IATA/ICAO):

Not applicable.

SECTION 15 – REGULATORY INFORMATION

OSHA Hazard Communication Standard

Not applicable

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

Not applicable

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

Not applicable

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Section 103

Not applicable

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Not applicable

California

This product does not contain a chemical known to the state of California to cause cancer.

United States TSCA Inventory (TSCA)

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

SECTION 16 – OTHER INFORMATION

Hazard Rating System

HMIS

Health - 2

Flammability - 0

Physical Hazard – 0

Revision

November 18, 2014 / Version: 1809

Most recent revision(s) are noted by the bold, double bars in left-hand margin throughout this document.

Date of Printing: September 30, 2018

Information Source and References

This SDS is prepared by Product Regulatory Services and Hazard Communications Groups from information supplied by internal references within our company.

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. SpecChem assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, SpecChem assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

END OF SDS SHEET