

SAFETY DATA SHEET

SECTION I – IDENTIFICATION

PRODUCT NAME: PART A RESIN BONDING LIQUID
PRODUCT CODES: 157602

MANUFACTURER: Garon Products Inc.
STREET ADDRESS: PO Box 1924
CITY, STATE, ZIP: Wall, NJ 07719-1924

INFORMATION PHONE: 800-631-5380
EMERGENCY PHONE: Chemtrec 800-424-9300
FAX PHONE: 732-223-2002

DATE REVISED: 06/12/15

Chemical Name or Class: Concrete Bonding Agent

SECTION II – HAZARD(S) IDENTIFICATION

Physical hazards	This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.
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SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	%
Acrylic Emulsion	Mixture	
Acrylic Polymer(s)	Non Hazardous	46-48
Residual Monomers	Not Available	<0.05
Aqua Ammonia	1336-21-6	<0.02
Water	7732-18	62-73

SECTION IV – FIRST AID MEASURES

Inhalation	Move to fresh air.
Skin contact	Wash with water and soap as a precaution. If skin irritation persists, call a physician
Eye contact	Rinse with plenty of water. If eye irritation persists, consult a specialist.
Ingestion	Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.
Most important symptoms/effects, 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 immediate medical attention and special treatment needed	Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.
Note to Physician	Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION V – FIRE-FIGHTING MEASURES

Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
Specific hazards arising from the mixture	No Data Available
Special protective equipment and precautions for firefighters	Wear self-contained breathing apparatus and protective suit.
Fire-fighting equipment/instructions	Use standard firefighting procedures and consider the hazards of other involved materials.
Specific methods	Cool material exposed to heat with water spray and remove it if no risk is involved.

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SECTION VI – ACCIDENTAL RELEASE MEASURES	
Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Keep people away from and upwind of spill/leak. Material can create slippery conditions.
Methods and materials for containment and cleaning up	Contain spills immediately with inert materials (e.g., sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.
Environmental precautions	CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

SECTION VII - HANDLING & STORAGE	
Precautions for safe handling	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist or gas.
Conditions for safe storage, including any incompatibilities	Keep from freezing - product stability may be affected. STIR WELL BEFORE USE.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION Occupational exposure limits				
HAZARDOUS COMPONENTS / CAS #	OSHA Table Z-1 TWA	ACGIH STEL	ACGIH TWA	TWA
Aqua Ammonia, As Ammonia	35 mg/m ³ 50 PPM	35 PPM Ammonia	25 PPM, Ammonia	10 PPM
Biological limit values	No biological exposure limits noted for the ingredient(s).			
Appropriate engineering controls	Use local exhaust ventilation with a minimum capture velocity of 100 ft. /min. (0.5 m/sec.) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.			
Individual protection measures, such as personal protective equipment	Eye/face protection: Safety glasses with side-shields Eye protection worn must be compatible with respiratory protection system employed. Skin protection / Hand protection: The glove(s) listed below may provide protection against permeation. (Gloves of other chemically resistant materials may not provide adequate protection): Neoprene gloves. Other Wear long-sleeved shirts, pants and rubber boots. Respiratory protection A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent must be followed whenever workplace conditions warrant a respirator's use. None required if airborne concentrations are maintained below the exposure limit listed in Exposure Limit Information. For airborne concentrations up to 10 times the exposure limit, wear a properly fitted NIOSH approved (or equivalent) half-mask, air-purifying respirator. Air-purifying respirators should be equipped with NIOSH approved (or equivalent) ammonia / methylamine cartridges and N95 filters. If oil mist is present, use R95 or P95 filters.			

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS		
Physical State:	Form: Liquid Milky	Color: White
Odor: Ammonia	Odor Threshold: NA	pH: 9.3 - 10
Melting point 32°F /freezing point: NA	Initial Boiling Point & Boiling Range: 212°F (Water)	Flash Point: Non Combustible
Evaporation Rate(Butyl Acetate = 1) <1 Water	Vapor Pressure: NA	Vapor Density: NA
Relative Density: 1.0-1.2 (H ₂ O=1)	Solubility in Water: Dilutable	Flammability (solid, gas): NA
Flammable Limit Lower-(%): NA	Flammable Limit Lower-(%) Temperature: NA	Flammable Limit Upper-(%): NA
Flammable Limit Upper-(%) Temperature: NA	Explosive Limit-Lower (%): NA	Explosive Limit-Lower (%) Temperature: NA
Explosive Limit-Upper (%): NA	Explosive Limit-Upper (%) Temperature: NA	Partition coefficient (n-octanol / water): NA
Auto-ignition temperature: NA	Decomposition temperature: No Data Available	Viscosity: 10-40mPas
Bulk density: 55 - 70 lb./ft ³	VOC (Weight %):52-54% water	Flammability: NA

SECTION X – STABILITY & REACTIVITY	
Reactivity	No Data Available
Chemical Stability	Material is stable under normal conditions.
Possibility of Hazardous Reactions	None Known. Product will not undergo polymerization

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Conditions to Avoid	No Data Available
Incompatible Materials	There are no known materials which are incompatible with this product.
Hazardous Decomposition Products	Thermal decomposition may yield acrylic monomers

SECTION XI – TOXICOLOGICAL INFORMATION <i>Toxicological information on this product or its components appear in this section when such data is available.</i>	
Acute oral toxicity	LD50, Rat. >5000 mg/kg
Acute Dermal toxicity	LD 50, Rabbit, >5000 mg/kg
Acute Inhalation Toxicity	Acute toxicity estimate, 4 hours, vapor > 40 mg/l Calculation method
Skin Corrosion / Irritation	May cause transient irritation
Serious eye damage / Eye Irritation	No eye irritation
Sensitization	Product test data not available
Specific Target Organ Systemic Toxicity (Single Exposure)	Product test data not available
Specific Target Organ Systemic Toxicity (Repeated Exposure)	Product test data not available
Carcinogenicity	Product test data not available
Teratogenicity	Product test data not available
Reproductive Toxicity	Product test data not available
Mutagenicity	Product test data not available
Aspiration Hazard	Product test data not available
Additional Information	No data are available for this material. The information shown is based on profiles of compositionally similar materials.
Components Influencing Toxicology	
Skin	No Relevant Data Found
Respiratory	No Relevant Data Found
Specific Target Organ Systemic Toxicity (Repeated Exposure)	Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.
Carcinogenicity	Did not cause cancer in lab
Teratogenicity	Available data are inadequate for evaluation of potential to cause fetotoxicity
Reproductive Toxicity	Available data are inadequate to determine effects on reproduction
Mutagenicity	In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.
Aspiration Hazard	Based on physical properties, not likely to be an aspiration hazard.

SECTION XII - ECOLOGICAL INFORMATION <i>Ecotoxicological information on this product or its components appear in this section when such data is available.</i>		
COMPONENT	SPECIES	TEST RESULTS
Acrylic Polymer(s)	Aquatic toxicity to Fish – No relevant data found	
Residual Monomers	Aquatic toxicity to Fish – No relevant data found	
Aqua Ammonia	Aquatic toxicity to Fish – Material is highly toxic to aquatic organisms on an acute basis (LC50/EC50 between 0.1 and 1mg/L in the most sensitive species tested). LC50, Fish., 96 Hour, 0.89 mg/l	
Acute Toxicity to aquatic invertebrates	LC50, Daphnia magna (Water flea), static test, 48 Hour, 101 mg/l	
Persistence and Degradability Acrylic Polymer(s) - Biodegradability	No Relevant Data Found	
Residual Monomers - Biodegradability	No Relevant Data Found	
Aqua Ammonia - - Biodegradability	Material is expected to be readily biodegradable. Biodegradation may occur under aerobic conditions (in the presence of oxygen).	

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Theoretical oxygen Demand	3.76 mg/mg Estimated
Bioaccumulative Potential Acrylic Polymer(s) Bioaccumulation	No Relevant Data Found
Residual Monomers Bioaccumulation	No Relevant Data Found
Aqua Ammonia Bioaccumulation	Partitioning from water to n-octanol is not applicable.
Mobility in soil Residual Monomers	No Relevant Data Found

SECTION XIII – DISPOSAL CONSIDERATIONS

Disposal Methods	Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.
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SECTION XIV – TRANSPORT INFORMATION

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
Transport in bulk according Annex II of MARPOL 73/78 and IBC Code	Consult IMO regulations before transporting ocean bulk

SECTION XV – REGULATORY INFORMATION

OSHA Hazard Communication Standard	This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200)
REGULATORY INFORMATION - SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA)	
Hazard categories	This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered by Title III of SARA.
SARA 311/312 Hazardous chemical	This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered by Title III of SARA.
SARA 313 (TRI reporting)	This product does not contain a chemical which is listed in Section 313 at or above de Minimis concentrations.
Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Section 103	Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.
Pennsylvania	Any material listed as "Not Hazardous" in the CAS REG NO. Column of SECTION 2, Composition/Information On Ingredients, of this MSDS is a trade secret under the provisions of the Pennsylvania Worker and Community Right-to-Know Act.
United States TSCA Inventory (TSCA)	All components of this product are in compliance with the inventory listing requirements of the US Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SECTION XVI – OTHER INFORMATION

Date Prepared, Version Number	June 12, 2015
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SECTION I – IDENTIFICATION

PRODUCT NAME: TRAFFIC FAST™ POWDER
PRODUCT CODE: 157602

MANUFACTURER: Garon Products Inc.
STREET ADDRESS: PO Box 1924
CITY, STATE, ZIP: Wall, NJ 07719-1924

INFORMATION PHONE: 800-631-5380
EMERGENCY PHONE: Chemtrec 800-424-9300
FAX PHONE: 732-223-2002

DATE REVISED: 05/30/15

Chemical Name or Class: Patching Cement

SECTION II – HAZARD(S) IDENTIFICATION

Physical hazards	Not classified.	
Health hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 1
	Sensitization, skin	Category 1
	Carcinogenicity	Category 1A
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
OSHA defined hazards	Not classified.	
Required Label Elements	Corrosive, Health, Exclamation	
Signal Word	Danger	
Hazard statement	Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. May cause respiratory irritation. May cause cancer.	
Precautionary statement Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, and eye protection and face protection.	
Precautionary statement Response	If exposed or concerned: Get medical advice/attention. If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If on skin: Wash with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.	
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up.	
Disposal	Dispose of in accordance with local, state, and federal regulations.	
Hazard(s) not otherwise classified (HNOC)	None known.	
Supplemental information	Not applicable.	

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	%
Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1)	26499-65-0	> 20
Portland Cement	65997-15-1	< 20
Crystalline silica (Quartz)	14808-60-7	< 55
Acrylic Polymer(s)	Non Hazardous	<40

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Water	77332-18-5	<60
<p>Comments: *Respirable crystalline silica can cause lung disease and/or cancer. Respirable crystalline silica: IARC: Group 1 carcinogen, NTP: Known human carcinogen. The weight percent of Crystalline silica given represents total quartz and not the respirable fraction. Testing of dust from USG plaster of paris has not detected respirable crystalline silica. All ingredients of this product are included in the U.S. Environmental Protection Agency's Toxic substances Control Act Chemical Substance Inventory.</p>		

SECTION IV – FIRST AID MEASURES	
Inhalation	Dust irritates the respiratory system and may cause coughing and difficulties in breathing. Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.
Skin contact	Contact with wet or dry product: Wash area with cold running water immediately. Open sores or cuts should be thoroughly flushed and covered with suitable dressings.
Eye contact	Dust in eyes: Flush with cold tap water for at least 15 minutes. If irritation persists, seek medical attention immediately.
Ingestion	Plaster of Paris hardens and if ingested may result in stomach and intestinal blockage. Drinking gelatin solutions or large volumes of water may delay setting. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Dust may irritate throat and respiratory system and cause coughing. May cause serious chemical burns to the skin. May cause chemical eye burns. Permanent eye damage including blindness could result.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved.

SECTION V – FIRE-FIGHTING MEASURES	
Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
Specific hazards arising from the chemical	Not a fire hazard.
Special protective equipment and precautions for firefighters	Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Use standard firefighting procedures and consider the hazards of other involved materials.
Specific methods	Cool material exposed to heat with water spray and remove it if no risk is involved.

SECTION VI – ACCIDENTAL RELEASE MEASURES	
Personal precautions, protective equipment and emergency procedures	See Section 8 of the SDS for Personal Protective Equipment.
Methods and materials for containment and cleaning up	Vacuum up the spilled material. Vacuums used for this purpose should be equipped with HEPA filters. Containers must be labeled. Collect in approved containers and seal securely. For waste disposal, see Section 13 of the SDS.
Environmental precautions	Avoid discharge to drains, sewers, and other water systems.

SECTION VII – HANDLING & STORAGE	
Precautions for safe handling	Wear appropriate personal protective equipment (See Section 8). Do not get in eyes and avoid contact with skin and clothing. Avoid inhalation of dust. Minimize dust production when mixing or opening and closing bags. Use with adequate dust control and local ventilation. Wear appropriate NIOSH respirator when ventilation is inadequate and occupational exposure limits are exceeded. Wash hands thoroughly after handling. Use a non-alkaline soap such as Neutralite Safety Solution or Mason's Hand Rinse.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry, well-ventilated place. Store away from incompatible materials. Avoid contact with acids, water, and moisture.

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SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION Occupational exposure limits				
HAZARDOUS COMPONENTS / CAS #	OSHA PEL Table Z-1	OSHA PEL Table Z-3	ACGIH TLV	US NIOSH
Plaster of Paris (Calcium Sulfate Hemihydrate CAS# 10034-76-1) (CAS# 26499-65-0)	5 mg/m ³ Respirable 15 mg/m ³ Total Dust		10 mg/m ³ Inhalable	5 mg/m ³ Respirable 10 mg/m ³ Total Dust
Portland Cement CAS# 65997-15-1	5 mg/m ³ Respirable 15 mg/m ³ Total Dust	50 mppcf	1 mg/m ³ Respirable	5 mg/m ³ Respirable 10 mg/m ³ Total Dust
Silica, Crystalline CAS# 14808-60-7	10 mg/m ³		^{0.05} mg/m ³ Respirable	0.05 mg/m ³ Respirable
Aqua Ammonia	35 mg/m ³			
Biological limit values	No biological exposure limits noted for the ingredient(s).			
Appropriate engineering controls	Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimize the risk of exposure.			
Individual protection measures, such as personal protective equipment	<p>Eye/face protection Wear approved safety goggles.</p> <p>Skin protection / Hand protection Wear appropriate chemical resistant gloves.</p> <p>Other Wear long-sleeved shirts, pants and rubber boots.</p> <p>Respiratory protection If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.</p>			
Thermal hazards	None			
General hygiene considerations	During work avoid kneeling in fresh mortar or concrete wherever possible. If kneeling is absolutely necessary, then appropriate waterproof personal protective equipment must be worn. Do not eat, drink or smoke when working with cement to avoid contact with skin or mouth. Immediately after working with cement or cement-containing materials, workers should wash or shower. Remove contaminated clothing, footwear, watches, etc., and clean thoroughly before re-use.			

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Physical State: Solid	Form: Powder	Color: White to off white
Odor: Low to no odor	Odor Threshold: NA	pH: 11 - 13
Melting point/freezing point: NA	Initial Boiling Point & Boiling Range: NA	Flash Point: NA
Evaporation Rate: NA	Vapor Pressure: NA	Vapor Density: NA
Relative Density: 2.96 (H ₂ O=1)	Solubility in Water: 0.15 – 0.4 g/100g	Flammability (solid, gas): NA
Flammable Limit Lower-(%): NA	Flammable Limit Lower-(%) Temperature: NA	Flammable Limit Upper-(%): NA
Flammable Limit Upper-(%) Temperature: NA	Explosive Limit-Lower (%): NA	Explosive Limit-Lower (%) Temperature: NA
Explosive Limit-Upper (%): NA	Explosive Limit-Upper (%) Temperature: NA	Partition coefficient (n-octanol / water): NA
Auto-ignition temperature: NA	Decomposition temperature: 2642°F (1450°C)	Viscosity: NA
Bulk density: 55 - 70 lb./ft ³	VOC (Weight %): 0 g/l	Flammability: NA

SECTION X – STABILITY & REACTIVITY

Reactivity	NA
Chemical Stability	Material is stable under normal conditions.
Possibility of Hazardous Reactions	Hazardous polymerization does not occur.
Conditions to Avoid	Contact with incompatible materials. Exposure to moisture. When mixed with water this product can become very hot. Encasing or making molds of any body part can cause serious burns that may require surgical removal of affected tissue and even amputation of encased body part.

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Incompatible Materials	Acids. Exposure to water and acids must be supervised because the reactions are vigorous and produce large amounts of heat. Crystalline silica in contact with powerful oxidizing agents, such as fluorine, chlorine trifluoride and oxygen difluoride, may cause fires. Crystalline silica will dissolve in Hydrofluoric acid and produce a corrosive gas, silicon tetrafluoride.
Hazardous Decomposition Products	Calcium oxides. Sulfur oxides.

SECTION XI – TOXICOLOGICAL INFORMATION Likely routes of exposure	
Ingestion	Ingestion may cause irritation and stomach discomfort.
Inhalation	Inhalation of dusts may cause respiratory irritation. Prolonged and repeated exposure to airborne respirable crystalline silica can cause silicosis and/or lung cancer.
Skin contact	Exposure to dry product may cause drying of the skin and mild irritation, or more significant effects from the aggravation of other conditions. Wet product is caustic (pH ≥ 12) and dermal exposure may cause more severe skin effects, including thickening, cracking or fissuring of the skin. Prolonged exposure can cause severe skin damage in the form of chemical (caustic) burns. Some individuals who are exposed to wet or dry product may exhibit an allergic response, which can result in symptoms ranging from mild rashes to severe skin ulcers.
Eye contact	Exposure to airborne dust may cause immediate or delayed irritation of the eyes. Depending on the level of exposure, effects may range from redness to chemical burns and blindness.
Symptoms related to the physical, chemical and toxicological characteristics	Dust may irritate throat and respiratory system and cause coughing. May cause serious chemical burns to the skin. May cause chemical eye burns. Permanent eye damage including blindness could result.

SECTION XI – TOXICOLOGICAL INFORMATION Toxicological effects		
Acute toxicity	Not expected to be a hazard under normal conditions of intended use.	
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Causes serious eye damage.	
Respiratory sensitization	Not classified but possible due to skin sensitization effect.	
Skin sensitization	Trace amounts of Cr (VI) compounds from Portland Cement may cause allergic skin reaction even after one exposure.	
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity	Repeated and prolonged exposures to high levels of respirable crystalline silica may cause cancer.	
IARC Monographs Evaluation of Carcinogenicity	Crystalline silica (Quartz) (CAS 14808-60-7)	1 Carcinogenic to humans.
NTP Report on Carcinogens	Crystalline silica (Quartz) (CAS 14808-60-7)	Known To Be Human Carcinogen.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed.	
Reproductive toxicity	Not expected to be a reproductive hazard.	
Specific target organ toxicity - single exposure	May cause respiratory irritation.	
Specific target organ toxicity - repeated exposure	Not classified. For detailed information, see section 16.	
Aspiration hazard	Due to the physical form of the product it is not an aspiration hazard.	
Chronic effects	Prolonged and routine inhalation of high levels of respirable crystalline silica particles can lead to the lung disease known as silicosis. Some studies show excess numbers of cases of Scleroderma, connective tissue disorders, lupus, rheumatoid arthritis, chronic kidney diseases and end-stage kidney disease in workers exposed to respirable crystalline silica. Pre-existing skin and respiratory conditions including dermatitis, asthma and chronic lung disease might be aggravated by exposure. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled. May cause eczema-like skin disorders (dermatitis).	

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SECTION XII - ECOLOGICAL INFORMATION Ecotoxicity The product is not expected to be hazardous to the environment. Large amounts of the product may affect the pH-factor in water with possible risk of harmful effects to aquatic organisms.

COMPONENT	SPECIES	TEST RESULTS
Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0)	Aquatic Fish LC ₅₀ Fathead Minnow (Pimephales Promelas)	> 1970 mg/l, 96 hours
Persistence and degradability	No data available.	
Bio-accumulative potential	Bioaccumulation is not expected.	
Mobility in soil	No data available.	
Other adverse effects	None expected.	

SECTION XIII – DISPOSAL CONSIDERATIONS

Disposal instructions	Dispose in accordance with applicable federal, state, and local regulations. Recycle responsibly.
Local disposal regulations	Dispose of in accordance with local regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Dispose of in accordance with local regulations.

SECTION XIV – TRANSPORT INFORMATION

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
Transport in bulk according Annex II of MARPOL 73/78 and IBC Code	Not applicable.

SECTION XV – REGULATORY INFORMATION

US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
TSCA Section 12(b) Export Notification (40 CFR 707, Sub pt. D)	Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed.
CERCLA Hazardous Substance List (40 CFR 302.4)	Not listed.
REGULATORY INFORMATION - SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA)	
Hazard categories	Immediate Hazard – Yes Delayed Hazard - Yes Fire Hazard – No Pressure Hazard - No Reactivity Hazard - No
SARA 302 Extremely hazardous substance	Not listed.
SARA 311/312 Hazardous chemical	Yes
SARA 313 (TRI reporting)	Not Regulated
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List	Not Regulated
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	Not Regulated
Safe Drinking Water Act (SDWA)	Not Regulated

REGULATORY INFORMATION - US STATE REGULATIONS

US. Massachusetts RTK - Substance List	Crystalline silica (Quartz) (CAS 14808-60-7) Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0) Portland Cement (CAS 65997-15-1)
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US. New Jersey Worker and Community Right-to-Know Act	Crystalline silica (Quartz) (CAS 14808-60-7) Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0) Portland Cement (CAS 65997-15-1)	
US. Pennsylvania Worker and Community Right-to-Know Law	Crystalline silica (Quartz) (CAS 14808-60-7) Plaster of Paris (Calcium Sulfate Hemihydrate CAS 10034-76-1) (CAS 26499-65-0) Portland Cement (CAS 65997-15-1)	
US. Rhode Island RTK	Not regulated	
US. California Proposition 65	WARNING: This product contains a chemical known to the State of California to cause cancer.	
US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance	Crystalline silica (Quartz) (CAS 14808-60-7)	
REGULATORY INFORMATION - INTERNATIONAL INVENTORIES		
Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by governing country(s).

SECTION XVI – OTHER INFORMATION	
Date Prepared, Version Number	June 12, 2015
Crystalline silica:	Raw materials in this product may contain respirable crystalline silica. Exposures to respirable crystalline silica are not expected during the normal use of this product. However, actual levels must be determined by workplace hygiene testing. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/or lung cancer.
Plaster of Paris:	Is classified as a hazardous substance but is generally considered a safe material for routine use. When plaster of Paris is used responsibly it is not considered as a dangerous material. However, when mixed with water this product can become very hot. DO NOT attempt to make a cast enclosing any part of the body. Encasing any body part can cause serious burns and even amputation of the encased body part.
OSHA's "Preventing Skin Problems from Working with Portland Cement" provides excellent guidance and can be downloaded at: https://www.osha.gov/dsg/guidance/cement-guidance.html	

HAZARD RATING 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe	Health	2
	Flammability	0
	Personal Protection	0

Garon products are sold with the understanding that the buyer will test them in actual use and determine for himself their adaptability to his intended use. However, since such use is beyond our control, we do not guarantee the results to be obtained in the customer's processes. The information contained in this brief is advisory only, and the use of the materials and methods is solely at the risk of the user. These recommendations and suggestions for the use of our materials are in accordance with Garon standards. There are no other warranties by Garon of any nature whatsoever, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product, and under no circumstances, either expressed or implied, will GARON PRODUCTS, INC. be liable for damages in excess of the purchase price of this product. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by the officers of manufacturer and seller.