SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier A-TOPS PUMP MIX			[WHMIS Classification] Not Applicable
Product Use Pool Base			
Manufacturer's Name J.P. Austin Associates, Inc.		Supplier's Name Not Applicable	
Street Address 1060 24th Street Ext.		Street Address Not Applicable	
City Beaver Falls,	Province PA	City Not Applicable	Province
Postal Code 15010	Emergency Telephone 724-846-6510	Postal Code Not Applicable	Emergency Telephone
Date MSDS Prepared 11-30-2023	MSDS Prepared By P. J. Austin	Phone Number (724) 846-6510	

SECTION 2 — HAZARDS IDENTIFICATION

GHS Classification	Skin corrosion 1A, Serious eye damage 1, Skin sensitization 1, Carcinogenicity 1A, Specific target organ toxicity after single exposure 3.
Signal Word	Danger
Hazard Statement	Causes severe skin burn and eye damage. May cause an allergic skin reaction. May cause cancer. May cause respiratory irritation.

GHS Symbol



Precautionary Statements	Do not handle until all safety precautions have been read and understood. Do not breath dust. Wash hands, forearms, and face thoroughly after handling. Wear protective gloves and clothing as well as eye and face protection. Use only outdoor or in a well ventilated area. Do not eat drink or smoke when using this product. IF SWALLOWED: Rinse mouth. Do not induce vomiting. IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water/shower. If INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients *(specific)*	%	CAS Number	LD_{50} of Ingredient *(specify species and route)*	LC_{50} of Ingredient *(specify species)*	OES 8hr TWA PEL (mg/m3) Total	OES 8hr TWA PEL (mg/m3) Respirable
Portland Cement IL	50-80	14808-60-7	Not Available	Not Available	15	5
Vermiculite	10-50	1318-00-9	Not Available	Not Available	10	5
Proprietary Additives	≥10		Not Available	Not Available	15	5

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SECTION 4 — FIRST AID MEASURES

Skin Contact

Wash skin with cool water and pH neutral soap. If discomfort or irritation persists, contact a physician. Remove contaminated clothing and wash before reuse.

Eye Contact

Flush immediately with water for at least 15 minutes. If exposed to large amount, seek immediate first aid and medical attention to avoid serous eye damage.

Inhalation

Remove to fresh air. Seek medical help if coughing or other symptoms do not subside.

Ingestion

Do not induce vomiting. Adverse effects not expected if swallowed.

SECTION 5 — FIRE FIGHTING MEASURES

Flammable	If yes, under which conditions?	
☐ Yes ☒ No		
Means of Extinction: Not Applicable		
Flashpoint (° C) and Method: N/A	Upper Flammable Limit (% by volume): N/A	Lower Flammable Limit (% by volume): N/A
Autoignition Temperature (°C): N/A	Explosion Data — Sensitivity to Impact: N/A	Explosion Data — Sensitivity to Static Discharge: N/A
Hazardous Combustion Products: N/A		
NFPA: Health: 1 Flammability: 0 Reactivity: 0		

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Dampen with water spray or use other methods to clean spill that avoid creating dust.

Dispose of waste according to local, state and federal regulations.

Do not flush to sewer of allow it to enter other waterways.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment

Avoid contact with eyes, skin and clothing. Avoid creating and inhaling airborne dust particles.

Use only with adequate ventilation.

Storage Requirements

Keep dry until used.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits ☐ ACGIH TLV ☐ OSHA PEL ☐ Other *(specify)*

Specific Engineering Controls *(such as ventilation, enclosed process)*

Use only outdoor or in a well ventilated area.

Personal Protective Equipment ☒ Gloves ☒ Respirator ☒ Eye ☐ Footwear ☐ Clothing ☐ Other

If checked, please specify type

Gloves: Use impervious gloves to avoid skin contact.

Respirator: Use a NIOSH approved respirator in poorly ventilated areas.

Eye: Use ANSI approved safety glasses with side shields or goggles.

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SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Odor and Appearance	Odor Threshold (ppm)
Powder	Gray powder. No distinct odor.	N/A
Specific Gravity	**Vapor Density (air = 1)**	**Vapor Pressure (mmHg)**
3.15	N/A	N/A
Evaporation Rate	**Boiling Point (° C)**	**Freezing Point (° C)**
N/A	N/A	N/A
pH	**Coefficient of Water/Oil Distribution**	**[Solubility in Water]**
12-13	N/A	Slightly soluble (0.1-1%)

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability	If no, under which conditions?
☒ Yes ☐ No	
Incompatibility with Other Substances	**If yes, which ones?**
☒ Yes ☐ No	Cement is alkaline. Incompatible with acids, ammonium salts and aluminum metal Cement dissolves in hydrofluoric acid, producing corrosive silicon tetra fluoride

Reactivity and under what conditions?

N/A

Hazardous Decomposition Products

None known for this product.

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure

May cause irritation (skin, eye and/or respiratory tract).

Effects of chronic exposure

Risk of injury depends on length and level of exposure.

Irritancy of Product

N/A

Skin sensitization	Respiratory sensitization
Possible irritant through skin contact.	Possible irritant.
Carcinogenicity-IARC	**Carcinogenicity - ACGIH**
N/A	N/A
Reproductive toxicity	**Teratogenicity**
N/A	N/A
Embrotoxicity	**Mutagenicity**
N/A	N/A

Name of synergistic products/effects

N/A

SECTION 12 — ECOLOGICAL INFORMATION

Aquatic Toxicity

No data available for aquatic toxicity, environmental fate or ecotoxicity.

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal

Consult all regulations (local, state and federal) or a qualified waste disposal firm when characterizing for waste disposal. According to EPA (40 CFR § 261), waste of this product is not defined as hazardous. Dispose of waste along with all applicable regulations.

Please continue on reverse side

SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information		
No known shipping regulations.		
TDG	DOT	PIN
N/A	N/A	N/A
IMO	ICAO	
N/A	N/A	

SECTION 15 — REGULATORY INFORMATION

WHMIS Classification	OSHA
Not classified.	N/A
SERA	TSC
N/A	N/A

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

SECTION 16 — OTHER INFORMATION

Notice: This information relates only to the material designated and may not be valid for such material used in combination with any other materials or in any process. All statements, information and data provided are believed to be accurate and reliable, but are presented without any guarantee, representation, warranty or responsibility of any kind, expressed or implied. Any and all representations and/or warranties of merchantability of fitness for a particular purpose are specifically disclaimed. Users should make their own investigations as to the suitability of the information or product for their particular purpose. Nothing in this document is intended as permission, inducement or recommendation to violate any laws or practice any invention covered by existing patents, copyrights or inventions. J.P. Austin Associates, Inc. does not accept liability for any loss or damage that may occur from the use of this information.