

SAFETY DATA SHEET

UPC CementSeal SA24 Matte Solvenated Acrylic

SDS REVISION DATE: 05/05/2016

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CementSeal Solvenated Acrylic (Single-Component)
MANUFACTURER: Universal Polymer Coatings, Inc.
DIVISION: Floor Coating
ADDRESS: 737 W. Taft Avenue, Orange CA 92865
EMERGENCY PHONE: 800-255-3924
CHEMTEL PHONE: 800-255-3924
OTHER CALLS: 714-279-1199
FAX PHONE: 714-279-8070
PRODUCT USE: Floor Coating
PREPARED BY: Universal Polymer Coatings, Inc.

SECTION 2: HAZARDS IDENTIFICATIONS

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:
GHS-US CLASSIFICATION

Flam. Liq. 3
Skin Irritation 2
Skin Sens. 1B
Serious Eye Irritation 2A
STOT-Single Exposure Resp. 3
STOT-Single Exposure Inhalation 3
STOT Single Exposure Narcotic Effects 3
Chronic Toxicity – Aquatic 2

LABEL ELEMENTS:

GHS LABEL ELEMENTS

HAZARD PICTOGRAMS:



SIGNAL WORD: Warning

HAZARD STATEMENTS:

H225 Highly flammable liquid and vapor
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H411 Toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS:

PREVENTION:

- P210 Keep away from heat/sparks/open flames/hot surfaces. – No Smoking
- P240 Ground/bond container and receiving equipment
- P241 Use explosion-proof electrical/ventilating/lighting/equipment
- P242 Use only non-sparking tools
- P243 Take precautionary measures against static discharge
- P261 Avoid breathing fumes, mist, vapors or spray
- P264 Wash hands thoroughly after handling
- P271 Use only outdoors or in a well-ventilated area
- P272 Contaminated work clothing should not be allowed out of workplace
- P273 Avoid release into the environment
- P280 Wear protective gloves/protective clothing/eye protection/face protection

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RESPONSE:	P301+P330+P331+P313 P303+P361+P353 P304+P340 P305+P351+P338 P312 P332+P313 P362+P364 P370+P378 P337+P313	IF SWALLOWED: Rinse mouth. Do not induce vomiting. Get medical attention. IF ON SKIN (or hair): Take off contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: use dry chemical, foam, carbon dioxide, water spray/fog to extinguish. If eye irritation persists: get medical attention/advice
STORAGE:	P403+P233+P235+P405	Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.
DISPOSAL:	P501	Dispose of contents and container in accordance with all local, regional, national, and international regulations.

OTHER HAZARDS:

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS #	AMOUNT
• 1-Chloro-4-(Trifluoromethyl) Benzene	98-56-6	40%
• Propanone; Dimethyl Ketone	67-64-1	20%
• Amorphous Pyrogenic Silica	112945-52-5	>5%
• Additives	NA	< 2%
• Xylene	1330-20-7	≤ 0.5%
• Methyl methacrylate	80-62-6	
• N-butyl methacrylate	97-88-1	

Any remaining components are trade secret.

SECTION 4: FIRST AID MEASURES

INHALATION:	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if symptoms are experienced.
SKIN:	Take off contaminated clothing and shoes immediately. Flush skin with plenty of water for at least fifteen minutes. Consult a physician.
EYES:	Flush eyes immediately with plenty of water for at least fifteen minutes. Remove contact lenses if able to do so. Continue rinsing. Consult a physician.
INGESTION:	Do NOT induce vomiting unless instructed to do so by a physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:	None known
NOTES TO PHYSICIANS/SPECIAL TREATMENT:	If seeking medical attention, provide SDS document to physician..

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:	Use water-spray, alcohol-resistant foam, dry chemical or carbon dioxide. Tailor extinguishing media to surrounding fire.
SPECIFIC (UNUSUAL) HAZARDS:	Sealed containers can explode in the heat of a fire. Vapors can travel a long distance to ignition sources and ignite. Toxic vapors. Carbon oxides.

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ADVICE FOR FIRE-FIGHTERS:

Wear a self-contained breathing apparatus pressure demand (NIOSH approved or equivalent) and full protective gear. Toxic vapors may evolve. Fight fires from a safe distance of protected areas. Fire hoses with fog nozzles may be used for controlling fires but care must be exercised not to spread flaming. Use of large volumes of water may produce run-off that is expected to be toxic to aquatic life and/or pose a hazardous waste disposal problem. Water may not be as effective for large fires.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Use personal protective equipment. Remove all possible sources of ignition in the surrounding area. Avoid breathing vapors, mist or gas. Always ensure adequate ventilation. No action should be taken involving any personal risk or without suitable training. Evacuate unnecessary and unprotected personnel to safe areas.

ENVIRONMENTAL PRECAUTIONS:

If safe to do so, avoid the dispersal of spilled material and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution. Collect spillage.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

If safe to do so, stop the leak or spill. Move containers away from the spill area. Prevent entry into sewers, water courses, basements and confined areas. Contain and collect spilled material with non-combustible, absorbent material and place in a container for disposal according to local regulations. Dispose via a licensed waste disposal contractor. Contaminated absorbent material may pose the same physical hazards as the spilled product. If assistance is needed call CHEMTREC or emergency services.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Use personal protective equipment. Avoid static electricity discharge. Keep away from heat/sparks/open flame/hot surfaces. Avoid breathing vapors, mist or gas. Always ensure adequate ventilation. No smoking, eating or drinking when using this product. Handle in a manner consistent with good industrial hygiene practices.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Keep containers tightly closed in a dry well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials. Keep away from heat/sparks/open flame/hot surfaces.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS:

Chemical Name	Exposure Limit	Basis
Propanone; Dimethyl Ketone 67-64-1	500 ppm	ACGIH Threshold Value (TLV)
	1,000 ppm	OSHA Table Z-1: Limits for Air Contaminants
	250 ppm	NIOSH Recommended Exposure Limits
1-Chloro-4-(Trifluoromethyl) Benzene 98-56-6	20 ppm	Manufacturer recommended limits (TWA)

ENGINEERING MEASURES:

If use operations generate dust, use ventilation to keep exposure to airborne contaminants below the exposure limit.

PERSONAL PROTECTION



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EYE PROTECTION:	Wear tightly fitting safety goggles or safety glasses with a full-face shield. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH. Have eye-wash stations available where eye contact can occur.
SKIN PROTECTION:	Wear complete suit protection against chemicals, including chemical-resistant boots. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Safety showers should be located in the work area where skin contact can occur.
HAND PROTECTION:	Handle with chemical-resistant gloves. Gloves must be inspected prior to use. Dispose of contaminated gloves. Wash and dry hands after use.
RESPIRATORY PROTECTION:	Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full-face respirator with appropriate cartridges. Respiratory protection may be needed for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA 29 CFR 1910.134.
GENERAL CONTROLS/ SPECIAL INSTRUCTIONS:	Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	
Physical state	Liquid
Color	Clear, Colorless
ODOR:	Aromatic
ODOR THRESHOLD:	N/A
pH:	N/A
MELTING POINT:	@ >137°F, (>94°C)
BOILING POINT:	@ 133°F, (56°C)
FLASH POINT:	@ 109°F, (43°C)
EVAPORATION RATE:	No data available
FLAMMABILITY (solid, gas):	No data available
FLAMMABILITY LIMIT IN AIR	
Upper:	0.9%
Lower:	13%
VAPOR PRESSURE:	5.3 mmHg @ 68°F, (20°C)
WATER SOLUBILITY:	Soluble
RELATIVE VAPOR DENSITY:	6 (air=1)
SPECIFIC GRAVITY:	1.34
PARTITION COEFFICIENT:	No data available
AUTO-IGNITION TEMP:	@ 869°F, (465°C)
DECOMP TEMP:	No data available
VISCOSITY:	<10 cPs
DENSITY:	6.6 lbs/gal

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under recommended storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	Vapors may form explosive mixture with air.

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CONDITIONS TO AVOID: Heat, flames and sparks. Extreme temperatures and direct sunlight.

MATERIAL TO AVOID: Strong oxidizing agents, reducing agents, bases. Acetone reacts violently with phosphorous oxychloride.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: In fire conditions: Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

LIKELY ROUTES OF EXPOSURE

Effects on Eye: No data available
Effects of Skin: No data available
Inhalation Effects: No data available
Ingestion Effects: No data available
Symptoms: Irritation, Drowsiness/dizziness. Drying of skin. Coughing. Aspiration hazard.

ACUTE TOXICITY

Acute Toxicity – Component(s):

Oral:	-1-Chloro-4-(Trifluoromethyl) Benzene	LD50: >6,700 mg/kg	Species: Rat
	-Propanone; Dimethyl Ketone	LD50: 5,800 mg/kg	Species: Rat
	-Amorphous Pyrogenic Silica	LD50: >5,000 mg/kg	Species: Rat
Inhalation:	-1-Chloro-4-(Trifluoromethyl) Benzene	LC50: 4,470 ppm, 4hr	Species: Rat
	-Propanone; Dimethyl Ketone	LC50: 50,1000 mg/m ³ , 8hr	Species: Rat
	-Amorphous Pyrogenic Silica	LC0: 0.139 mg/l, 4h	Species: Rat
Dermal:	-1-Chloro-4-(Trifluoromethyl) Benzene	LD50: >2,000 mg/kg	Species: Rabbit
	-Propanone; Dimethyl Ketone	LD50: 7,426 mg/kg	Species: Guinea pig
	-Amorphous Pyrogenic Silica	LD50: >5,000 mg/kg	Species: Rabbit

Skin corrosion/irritation: May cause irritation and possible allergic reaction.

Eye damage/irritation: Can cause serious eye irritation. Avoid contact.

Sensitization to respiratory: May be harmful in inhaled. May cause drowsiness or dizziness. May cause respiratory tract irritation or central nervous system depression.

CHRONIC TOXICITY OR EFFECTS FROM LONG TERM EXPOSURES

Carcinogenicity: No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, ACGIH or OSHA

Reproductive toxicity: No data available

Germ cell mutagenicity: No known significant effects or critical hazards.

Specific target organ systemic toxicity:

Single exposure: No data available

Repeated exposure: No data available

Aspiration hazard: May be irritating to the mouth, throat and stomach. Do not ingest. Aspiration in the lungs may occur during ingestion or vomiting, causing lung damage or chemical pneumonia.

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SECTION 12: EGOLOGICAL INFORMATION

ECOTOXICITY EFFECTS

Aquatic toxicity:

Toxicity to Fish – Component(s):

-1-Chloro-4-(Trifluoromethyl) Benzene	EC50: 3 mg/l, 48hr	Species: Danio rerio (zebra fish)
-Propanone; Dimethyl Ketone	LC50: 5,540 mg/l, 96hr	Species: Oncorhynchus mykiss (rainbow trout)
-Amorphous Pyrogenic Silica	LC50: >10,000 mg/l, 96hr	Species: Brachydanio rerio (zebra fish)

Toxicity to Aquatic Invertebrates – Component(s):

-1-Chloro-4-(Trifluoromethyl) Benzene	EC50: 2 mg/l, 48 hr	Species: Daphnia magna (water flea)
-Propanone; Dimethyl Ketone	LC50: 8,800 mg/l, 48hr	Species: Daphnia magna (water flea)
-Amorphous Pyrogenic Silica	EC50: >1,000 mg/l, 24h	Species: Daphnia magna (water flea)

Toxicity to Aquatic Plants – Components(s):

-1-Chloro-4-(Trifluoromethyl) Benzene	NOEC: >4mg/l, 72 hr	Species: algae
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Toxicity to other organisms – Components(s):

No data available

PERSISTENCE AND DEGRADABILITY

Biodegradability: Readily biodegradable

Mobility in soil: No data available

Bioaccumulation: Does not bioaccumulate

Other Adverse Effects: This product may be harmful to the environment and aquatic organisms if released in large quantities. Avoid release into sewers, drains and other waterways. Inform the relevant authorities if the product has cause environmental pollution. Collect spillage.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

The generation of waste should be avoided or minimized wherever possible. Avoid release into the environment and contact with soil, waterways, drains and sewers. Material should be disposed of in accordance with all local, state and federal regulations. Regulations vary by region.

Contaminated packaging may pose the same physical risks as the product itself. Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state and federal regulations. Regulations vary by region.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

DOT: ID Number: UN1090
PROPER SHIPPING NAME: Propanone; Dimethyl Ketone
HAZARD CLASS: 3
PACKING GROUP: II
REPORTABLE QUANTITY: 5,000 lbs.
MARINE POLLUTANT: No

IATA: Not regulated

IMDG: Not regulated

TDG: Not regulated

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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): None

Country	Regulatory List	Notification
USA	TSCA	Included on Inventory
EU	EINECS	Included on EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer.
CANADA	DSL	Included on Inventory
AUSTRALIA	AICS	Included on Inventory
JAPAN	ENCS	Included on Inventory
SOUTH KOREA	ECL	Included on Inventory
CHINA	SEPA	Included on Inventory
PHILIPPINES	PICCS	Included on Inventory

EPA SARA Title III Section 311/312 (40 CFR 370) Hazard Classification: Acute Health Hazard, Fire Hazard

EPA SARA Title III Section 313 (40 CFR 372) Component(s): None

US California Safe Drinking Water & Toxic Enforcement Act (Proposition 65): None

SECTION 16: DISCLAIMER

OTHER INFORMATION

HMIS Rating:

Health: 2
Flammability: 3
Physical Hazard: 1

NFPA Rating:

Health: 2
Fire: 3
Reactivity Hazard: 1

DISCLAIMER: The information herein is given in good faith, but no warranty expressed or implied is made. Universal Polymer Coatings, Inc. urges suppliers and users of this product to evaluate its suitability and compliance with local regulations as Universal Polymer Coatings, Inc. cannot foresee the nature of the final application or final location of usage.