

A-Tech Brick and Masonry Sealer

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Revision: 5

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: A-Tech Brick and Masonry Sealer

Chemical Formula: N/A

CAS Number: N/A

Other Designations: N/A

Manufacturer: Applied Technologies

4701 Industry Dr

Fairfield, Ohio 45014

Phone: (513) 939-3767

Fax: (513) 939-3787

HMIS

H 1

F 1

R 0

PPE†

†Sec. 8

EMERGENCY TELEPHONE NUMBER: Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S, Canada, or the U.S. Virgin Islands, call CHEMTREC at 1-800-424-9300, 24 hours a day. Or, outside these areas, call (703) 527-3887. Collect calls are accepted.

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Applied Technologies Masonry Sealer:

- Is a milky white liquid.
- Has no noticeable odor.
- Is non-combustible.
- Is not known to have any serious, acute health affects to humans.
- Is not known to cause cancer in humans.

Section 2 – Hazardous Ingredients/Composition

Ingredient Name	CAS Number	% wt
Ethanol	000064-17-5	
Polythethylene Glycol	009043-30-5	<1.0
Alkylalkoxysilane	Trade Secret	5-10
Alkylalkoxysiloxane	Trade Secret	5-10

Chemical Name	OSHA			NIOSH			ACGIH			Canada			NIOSH IDLH	
	TWA	STEL	Ceil.	TWA	STEL	Ceil.	TWA	STEL	Ceil.	TWA	STEL	Ceil.		
	ppm mg/m ³	ppm mg/m ³	ppm mg/m ³	ppm mg/m ³	ppm mg/m ³	ppm mg/m ³	ppm mg/m ³	ppm mg/m ³	ppm mg/m ³	ppm mg/m ³	ppm mg/m ³	ppm mg/m ³		
Ethyl Alcohol							1000 1884							
Polythethylene Glycol														
Alkylalkoxysiloxane														
Alkylalkoxysilane														

Notes:

None

Section 3 - Physical and Chemical Properties

Physical Appearance: Milky White Liquid

Odor: none

Vapor Pressure: ND

Vapor Density (Air=1): ND

Specific Gravity (H₂O=1, at 4 °C): 1.00

pH: ND

Water Solubility: Miscible

Other Solubilities: ND

Boiling Point: 212 °F (100 °C)

Freezing/Melting Point: 32 °F (0 °C)

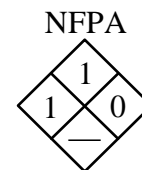
% Volatile: 0

Evaporation Rate (Butyl Acetate = 1): ND

VOC Content: Less than 300g/L

A-Tech Brick and Masonry Sealer**Revision: 5****Section 4 - Fire-Fighting Measures**

Flash Point: >200°F (93°C)
Flash Point Method: Closed Cup
Autoignition Temperature: ND
LEL: ND
UEL: ND



Flammability Classification: Non-Combustible
Extinguishing Media: Water Fog, Foam, Dry Chemical, CO2.
Unusual Fire or Explosion Hazards: None Known
Hazardous Combustion Products: Carbon monoxide, carbon dioxide, petroleum vapors.
Fire-Fighting Instructions: General Fire Fighting techniques.
Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face-piece operated in pressure-demand or positive-pressure mode.

Section 5 - Stability and Reactivity

Stability: Applied Technologies Masonry Sealer is stable at room temperature in closed containers under normal storage and handling conditions.
Polymerization: Hazardous polymerization cannot occur.
Chemical Incompatibilities: Strong oxidizers, strong acids, strong bases, and amines.
Conditions to Avoid: Excessive heat.
Hazardous Decomposition Products: Thermal oxidative decomposition of Applied Technologies Masonry Sealer can produce carbon monoxide, carbon dioxide, petroleum vapors and possibly formaldehyde vapors.

Section 6 - Health Hazard Information**Potential Health Effects**

Primary Entry Routes: Skin, Inhalation

Target Organs: ND

Acute Effects

Inhalation: May cause mild irritation to the nose and throat.

Eye: May cause mild irritation.

Skin: May cause mild irritation after repeated or prolonged exposure.

Ingestion: Not expected to cause any acute health affects.

Carcinogenicity: IARC, NTP, and OSHA do not list Applied Technologies Masonry Sealer as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure: ND

Chronic Effects: ND

Emergency and First Aid Procedures

Inhalation: Move individual to fresh air. If breathing difficulties develop or persist, oxygen may be administered. Contact a physician.

Eye Contact: Flush eyes with large amounts of potable water for 15 minutes while lifting upper and lower eyelids. If irritation develops or persists, contact a physician.

Skin Contact: Thoroughly wash the affected area(s) with detergent and water for 15 minutes. Immediately remove and launder any contaminated clothing. If irritation or rash develops or persists, contact a physician.

Ingestion: Induce vomiting. Give individual water to rinse mouth after vomiting. Never give anything by mouth to an unconscious person. Contact a physician immediately.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Note to Physicians: None

Special Precautions/Procedures: None

Section 7 - Spill, Leak, and Disposal Procedures

Spill /Leak Procedures: This product is a non-combustible liquid. Isolate spill area and prevent unauthorized personnel from entering the spill zone. For large spills wear an OSHA/NIOSH approved respirator.

Small Spills: This is a water-based product. Soak up small spills with an absorbent material, such as cotton rags, vermiculite, sand, et cetera. Place contaminated absorbent in an appropriate container for proper disposal.

Large Spills: This is a water-based product. Collect free liquid and place in appropriate containers for disposal or recovery. Collection methods may include vacuuming.

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

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Cleanup: Equipment and tools used during and clean-up activity may be washed with detergent and water. Washing from equipment and tool cleaning should be contained and collected for proper disposal. Contaminated clothing should be thoroughly laundered with detergent and water, and allowed to dry thoroughly before reuse. Disposable protective clothing must be collected for proper disposal. Contaminated surfaces may be cleaned with detergent and water. Washings from surface cleaning should be collected for proper disposal.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Disposal: When disposed of properly, this material does not meet any RCRA classification or listing for a hazardous waste. Never dispose of a liquid to a landfill. Spilled material should be stabilized or solidified prior to disposal. Once stabilized/solidified, the material may be disposed of through normal means. Certain localities and states have specific disposal requirements for non-hazardous industrial chemicals. Consult local municipal authorities, landfill personnel, and/or sewer authorities for details prior to any disposal activity. Always follow all applicable Federal, State, and Local regulations.

Disposal Regulatory Requirements: None known. Consult Local and State authorities for local requirements. Always follow all applicable Federal, State, and Local regulations.

Container Cleaning and Disposal: Determination of empty container status should be made following Federal Regulation 40 CFR 261.7

EPA Regulations:

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed

RCRA Hazardous Waste Classification (40 CFR 261): Not classified

CAS Number	RCRA Number	CERCLA Haz	CWA Priority	Class & Group	Ozone Deplete	SOCMI	HAP	Accidental Release in lbs.	Basis	NIOSH Carc.	OSHA Carc.	IARC Rating	NTP Rating	PSM TQ	CA Prop 65 Code	Florida Toxic	Mass. Codes	PA Codes	Air Contaminant	OSHA Spec. Reg Sub.	SARA Concentration (%)	SARA EHS TPQ	UVCB	TSCA Flags
000064-17-5										ACGIH(A4)						Y	2,4,5,6 *T1*	--						
009043-30-5																								XU
N/A																								
N/A																								

State Regulations: Consult individual state agency for further information.

Section 8 - Exposure Controls / Personal Protection

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear an OSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA.

Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Special Precautions and Comments

Handling Precautions: Do not cut on containers with a torch or spark-producing tool (grinder, hacksaw, et cetera.) For added protection during transportation, containers should be secured with some means of secondary support, such as banding, stretch wrap or boxes.

Storage Requirements: This is a water-based product. Provide adequate ventilation in storage area to prevent any accidental build-ups of vapors. Do not store at temperatures above 140°F (60°C). Do not store near strong oxidizers, strong acids, strong bases, or amines. See Section 5 of this MSDS for information on incompatible materials.

DOT Transportation Data (49 CFR 172.101):

Shipping Name: Non-hazardous	Packaging Authorizations	Quantity Limitations
Shipping Symbols: N/A	a) Exceptions: N/A	a) Passenger, Aircraft, or Railcar: N/A
Hazard Class: Non-hazardous	b) Non-bulk Packaging: N/A	b) Cargo Aircraft Only: N/A
ID No.: N/A	c) Bulk Packaging: N/A	
Packing Group: N/A		Vessel Stowage Requirements
Label: N/A	National Motor Freight	a) Vessel Stowage: N/A
Special Provisions (172.102): N/A	NMF-100-0: Cement, Concrete, or Masonry Waterproofing Compound	b) Other: N/A
	Item: 33880 Class: 55	

Prepared By: Bill

Updated By:

Disclaimer: The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the user thereof.

Abbreviations:

N/A = not applicable

ND = not determined

IDLH = Immediately Dangerous to Life and Health (in ppm unless otherwise noted)

X = Hazardous Air Pollutant (42 U.S.C. 7412(b)(1))

O = Organic Hazardous Air Pollutant (40 CFR 63 Table 2 to Subpart F)

V = Volatile Hazardous Air Pollutant (40 CFR 63 Table 2 to Subpart JJ)

CAA = Clean Air Act

CWA = Clean Water Act

HAP = Hazardous Air Pollutant

RCRA = Resource Conservation and Recovery Act

CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980

UVCB = Unknown or Variable Composition, complex reaction products, and Biological materials.

E = A substance that is the subject of a 5(e) Consent Order under TSCA

F = A substance that is the subject of a Section 5(f) Rule under TSCA

N = A polymeric substance containing no free-radical initiator in its Inventory Name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.

P = A commenced PMN substance

R = A substance that is the subject of a Section 6 risk management rule under TSCA

S = A substance that is identified in a proposed or final Significant New Use Rule

T = A substance that is the subject of a Section 4 test rule under TSCA

XU = A substance exempt from reporting under the Inventory Update Rule.

Y1 = an exempt polymer that has a number-average molecular weight of 1,000 or greater

Y2 = an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.