

ASI 502 Clear

Section 1: Product and Company Identification

American Sealants, Inc.
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Emergency Phone Number
Infotrac: +1-800-535-5053 (Within US)
Infotrac: +1-352-323-3500 (Outside US)

Product Identifier: ASI 502 Clear
Recommended Use: Adhesive
Restrictions on Use: None known

Section 2: Hazard(s) Identification

OSHA defined hazards

Not classified

Physical hazards:

Gases under pressure

Compressed gas

Health hazards:

Skin corrosion/irritation

Category 2

Serious eye damage/eye irritation

Category 2B

Environmental hazards:

Hazardous to the aquatic environment, acute hazard

Category 3

Hazardous to the aquatic environment, long-term hazard

Category 3

GHS Label Elements



Signal Word:

Warning

Hazard Statement(s):

Contains gas under pressure; may explode if heated. Causes skin irritation. Causes eye irritation. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary Statement(s)

Prevention:

Do not puncture or incinerate container. Do not expose to heat or store at temperatures above 49°C/120°F. Use with adequate ventilation. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wash hands thoroughly after handling. Wear protective gloves. Avoid release to the environment.

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Response:	If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Storage:	Protect from sunlight. Store in a well-ventilated place. Exposure to high temperature may cause can to burst.
Disposal:	Dispose of contents/container in accordance with local/regional/national regulations.
Hazard(s) not otherwise classified (HNOC):	None known
Supplemental information:	When heated to temperature above 300°F/150°C in the presence of air, product may form formaldehyde vapors. When exposed to water or humid air, product evolves acetic acid (HOAc). 97.2% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 97.2% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

Section 3: Composition/Information on Ingredients

Chemical Nature: Silicone elastomer

Chemical Name	CAS Number	%
Polydimethylsiloxane, Hydroxy-terminated Amorphous silica	70131-67-8	>=70
Ethyltriacetoxysilane	7631-86-9	7-13
Methyltriacetoxysilane	17689-77-9	1-5
Polydimethylsiloxane	4253-34-3	1-5
Nitrogen	63148-62-9	1-5
	7727-37-9	1-3

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Section 4: First-Aid Measures

General Advice:

If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Inhalation: IF INHALED: Remove to fresh air.
Get medical attention if symptoms occur.

Skin Contact: IF ON SKIN: Wash with soap and water as a precaution.

Eye Contact: IF IN EYES: Flush eyes with water for several minutes,
Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a

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	physician, preferably an ophthalmologist.
Ingestion:	No emergency medical treatment necessary.
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: No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.	

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media:	Use carbon dioxide, regular dry chemical, alcohol-resistant foam or water.
Unsuitable Extinguishing Media:	None known.
Specific Hazards Arising from the Chemical	Contents under pressure. During fire, gases hazardous to health may be formed. When heated to temperature above 300°F/150°C in the presence of air, product may form formaldehyde vapors. When exposed to water or humid air, product evolves acetic acid (HOAc).
Special Protective Equipment and Precautions for Firefighters:	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Wear self-contained breathing apparatus and protective clothing.
Fire-fighting equipment/instructions	In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. In the event of fire, cool tanks with water spray.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Environment Precautions:

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

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Methods and Materials for Containment and Cleaning Up:

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop the flow of material, if this is without risk. Dike far ahead of spill for later disposal. Shovel up and place in a container for salvage or disposal. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS.

Section 7: Handling and Storage

Precautions for Safe Handling

Pressurized container: Do not pierce or burn, even after use. Do not use if spray nozzle is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Avoid breathing vapor. Avoid contact with skin. Avoid contact with eyes. Avoid contact with clothing. Use only in well-ventilated areas. When heated to temperature above 300°F/150°C in the presence of air, product may form formaldehyde vapors. When exposed to water or humid air, product evolves acetic acid (HOAc). Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains. For product usage instructions, please see the product label.

Conditions for safe storage:

Level 1 Aerosol

Keep container closed and store away from water or moisture. Contents under pressure. Do not expose to heat or store at temperatures above 120°F/49°C as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep out of the reach of children.

Section 8: Exposure Controls/Personal Protection

Control Parameters

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable. Although some of the components of this product may have exposure guidelines, no exposure would be expected under normal handling conditions due to the physical state of the material.

Exposure controls

Engineering controls:

Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

Individual protection measures:

Eye/face Protection:

Use safety glasses (with side shields).

Skin Protection

Hand:

Chemical protective gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.

Other:

No precautions other than clean body-covering clothing should be needed.

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Respiratory Protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions, no respiratory protection should be needed; however, if handling at elevated temperatures without sufficient ventilation, use an approved air-purifying respirator.
The following should be effective types of air-purifying respirators: Organic vapor cartridge.

Section 9: Physical and Chemical Properties

Physical State:	Liquid	Appearance:	Paste
Color:	Colorless	Physical Form:	: Paste
Odor:	Acetic Acid	Odor Threshold:	Not available
pH:	Not applicable	Melting Point:	Not available
Boiling Point:	Not applicable	Decomposition:	Not available
Flash Point:	>100 °C (closed cup)	Evaporation Rate:	Not applicable
OSHA Flammability Class:	Not classified as a flammability hazard	Vapor Pressure:	Not applicable
Vapor Density (air = 1):	Not available	Density:	1.007
Specific Gravity (water = 1):	Not available	Water Solubility:	Not available
Log KOW:	Not available	Coeff. Water/Oil Dist:	Not available
KOC:	Not available	Auto Ignition:	Not available
Viscosity:	Not applicable	VOC:	Not available
Volatility:	Not available	Molecular Formula:	Not available

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

Section 10: Stability and Reactivity

Reactivity:	Not classified as a reactivity hazard.
Chemical Stability:	Stable at normal temperatures and pressure.
Possibility of Hazardous Reactions:	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Acetic acid is formed upon contact with water or humid air. When heated to temperatures above 150 °C (300 °F) in the presence of air, trace quantities of formaldehyde may be released. See OSHA formaldehyde standard, 29 CFR 1910.1048 Hazardous decomposition products will be formed at elevated temperatures.
Conditions to Avoid:	None known.
Incompatible Materials:	Strong oxidizing materials
Hazardous Decomposition Products:	formaldehyde.

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Section 11: Toxicological Information

Acute Toxicity

Component Analysis – LD50/LC50

Result	Species	Dose	Exposure	Remarks
LD50 Oral	Rat	>5,000 mg/kg	N/A	Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.
LC50 Inhalation	N/A	Has not been determined	N/A	Brief exposure (minutes) is not likely to cause adverse effects. Vapor from heated material may cause respiratory irritation.
LD50 Dermal	Rabbit	>2,000 mg/kg	N/A	Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Skin Corrosion/Irritation:

Prolonged exposure not likely to cause significant skin irritation.

Serious Eye Damage/Eye Irritation:

May cause slight temporary eye irritation.

Corneal injury is unlikely.

May cause mild eye discomfort.

Sensitization:

Skin

Contains component(s) which did not cause allergic skin sensitization in guinea pigs.

Respiratory

No relevant information found.

Specific Target Organ Systematic Toxicity (Single Exposure):

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

Specific Target Organ Systematic Toxicity (Repeated Exposure)

For the major component(s):

Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.

Carcinogenicity:

Contains an additional component(s) that is/are encapsulated in the product and are not expected to be released under normal processing conditions or foreseeable emergency.

For this family of materials: Did not cause cancer in long-term animal studies which used routes of exposure considered relevant to industrial handling. Positive results have been reported in other studies using routes of exposure not relevant to industrial handling.

Teratogenicity:

Contains component(s) which did not cause birth defects or any other fetal effects in lab animals.

Reproductive Toxicity:

Contains component(s) which did not interfere with reproduction in animal studies.

Mutagenicity:

Contains a component(s) which were negative in in vitro genetic toxicity studies. Contains component(s) which were negative in animal genetic toxicity studies.

Aspiration Hazard:

Based on physical properties, not likely to be an aspiration hazard.

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Section 12: Ecological Information

Toxicity	No data available
Persistence and Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available

Section 13: Disposal Considerations

Disposal Methods:

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Recycler. Reclaimer. Incinerator or other thermal destruction device. For additional information, refer to: Handling & Storage Information, MSDS Section 7 Stability & Reactivity Information, MSDS Section10 Regulatory Information, MSDS Section 15

Treatment and disposal methods of used packaging:

Dispose of unused product properly. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14: Transport Information

DOT

UN number	UN1950
UN proper shipping name	Aerosols, non-flammable, limited quantity
Transport hazard class(es)	
Class	2.2
Subsidiary risk	-
Label(s)	2.2
Packing group	Not applicable
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Packaging exceptions	306
Packaging non-bulk	None
Packaging bulk	None

IATA

UN number	UN1950
UN proper shipping name	Aerosols, non-flammable, limited quantity

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IMDG	Transport hazard class(es)	
	Class	2.2
	Subsidiary risk	-
	Packaging group	Not applicable
	Environmental hazards	No
	ERG Code	2L
	Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
	Other information	
	Passenger and cargo aircraft	Allowed
	Cardo aircraft only	Allowed
	UN number	
	UN1950	
	UN proper shipping name	
	AEROSOL, LIMITED QUANTITY	
	Transport hazard class(es)	
	Class	2
	Subsidiary risk	-
	Packing group	Not applicable
	Environmental hazards	No
	Marine pollutant	No
	EmS	F-D, S-U
	Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

Section 15: Regulatory Information

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

No SARA Hazards

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

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

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

Components:

Name	CASRN	RQ (RCRA Code)
Acetic Acid	64-19-7	5,000 lbs RQ
Acetic Anhydride	108-24-7	5,000 lbs RQ

Pennsylvania Right To Know

The following chemicals are listed because of the additional requirements of Pennsylvania law:

Components:

Name	CASRN
Polydimethylsiloxane hydroxy-terminated	70131-67-8
Silicon dioxide	7631-86-9

California Prop. 65

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This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

United States TSCA Inventory (TSCA)

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Section 16: Other Information

Issue Date: 6/18/2015

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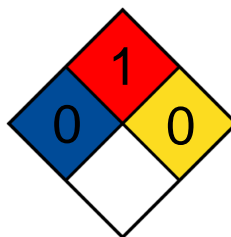
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NFPA Ratings:

Health: 0

Fire: 1

Reactivity: 0



Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

HMIS III:

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = Not Significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

Key/Legend:

AICS (Australia); DSL (Canada); IECSC (China); REACH (European Union); ENCS (Japan); ISHL (Japan); KECI (Korea); NZIoC (New Zealand); PICCS (Philippines); TCSI (Taiwan); TSCA (USA); ACGIH – USA. ACGIH Threshold Limit Values (TLV); NIOSH REL – USA. NIOSH Recommended Exposure Limits; OSHA P0 – USA. OSHA – TABLE Z-1 Limits for Air Contaminants – 1910.1000; OSHA Z-1 – USA. Occupational Exposure Limits (OSHA) – Table Z-1 Limits for Air Contaminates; OSHA Z-3 – USA. Occupational Exposure Limits (OSHA) – Table Z-3 Mineral Dusts; ACGIH / TWA – 8-hour, time-weighted average; NIOSH REL / TWA – Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek; NIOSH REL / ST – STEL – 15-minute TWA exposure that should not be exceeded at any time during a workday; OSHA P0 / TWA - 8-hour, time-weighted average; OSHA Z-1 / TWA - 8-hour, time-weighted average; OSHA Z-3 / TWA - 8-hour, time-weighted average

Disclaimer:

The information contained herein is based on data considered accurate which has been obtained from other companies and organizations.

End of Document