



ASI 502 White

Section 1: Product and Company Identification	
American Sealants, Inc. 9190 Yeager Ln Fort Wayne, Indiana 46809 Phone: 260-489-0728 Fax: 260-489-0519	Emergency Phone Number Infotrac: +1-800-535-5053 (Within US) Infotrac: +1-352-323-3500 (Outside US)
Product Identifier: ASI 502 White Recommended Use: Adhesive Restrictions on Use: None known	

Section 2: Hazard(s) Identification	
GHS Classification:	Not a hazardous substance or mixture.
GHS Label Elements	
Symbol(s):	None.
Signal Word:	None.
Hazard Statement(s):	None known.
Precautionary Statement(s)	
Prevention:	Use only outdoors or in a well-ventilated area. Avoid release to the environment.
Other hazards:	None known

Section 3: Composition/Information on Ingredients		
Substance/Mixture:	Mixture	
Chemical Nature:	Silicone elastomer	
Hazardous ingredients		
CAS	Component	Percent
7631-86-9	Silicon dioxide	5 - <10
13463-67-7	Titanium dioxide	1 - <5
7429-90-5	Aluminum	1 - <5
1333-86-4	Carbon black	0.1 - <1

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Section 4: First-Aid Measures

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. Get medical advice/attention if symptoms occur.
Eye Contact:	If eye irritation develops and persists: Get medical advice/attention.
Ingestion:	If swallowed, DO NOT induce vomiting. Get immediate medical attention if symptoms occur. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and delayed:	None known.
Protection of first-aiders:	No special precautions are necessary for first aid responders.
Notes to physician:	Treat symptomatically and supportively.

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	
Hazardous Decomposition Products:	Upon decomposition, this product emits carbon oxides, silicon oxides, formaldehyde, and metal oxides.
Special Protective Equipment and Precautions for Firefighters:	Exposure to combustion products may be a hazard to health. Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.
Specific extinguishing methods:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:	Follow safe handling advice and personal protective equipment recommendations.
Environment Precautions:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminate wash

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<p>Methods and Materials for Containment and Cleaning Up:</p>	<p>water. Local authorities should be advised if significant spillages cannot be contained.</p> <p>Absorb with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases.</p>
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Section 7: Handling and Storage	
<p>Technical measures:</p>	<p>See Engineering measures under Exposure Controls/Personal Protection section.</p>
<p>Local/Total ventilation:</p>	<p>Use only with adequate ventilation.</p>
<p>Advice on safe handling:</p>	<p>Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment. Take care to prevent spills, waste and minimize release to the environment.</p>
<p>Conditions for safe storage:</p>	<p>Keep in properly labeled containers. Store in accordance with the particular national regulations.</p>
<p>Materials to avoid:</p>	<p>Do not store with the following product types: Strong oxidizing agents.</p>

Section 8: Exposure Controls/Personal Protection		
Component Exposure Limits		
CAS	Component	Exposure Limits
7631-86-9	Silicon dioxide	<p>OSHA Z-3: 20 million particles/ft3 (Silica) TWA (dust); 80 mg/m3 / %SiO2 (Silica) TWA (dust)</p> <p>NIOSH REL: 6 mg/m3 (Silica) TWA</p>
13463-67-7	Titanium dioxide	<p>ACGIH: 10 mg/m3 TWA</p> <p>OSHA Z-1: 15 mg/m3 TWA (total dust)</p>
7429-90-5	Aluminum	<p>ACGIH: 1 mg/m3 TWA (respirable fraction)</p> <p>OSHA Z-1: 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)</p> <p>NIOSH REL: 5 mg/m3 TWA (respirable fraction); 10 mg/m3 TWA (total); 5 mg/m3 TWA (pyro powders)</p>
1333-86-4	Carbon black	<p>ACGIH: 3 mg/m3 TWA (inhalable fraction)</p> <p>OSHA Z-1: 3.5 mg/m3 TWA</p> <p>NIOSH REL: 3.5 mg/m3 TWA</p>
<p>These substance(s) are inextricably bound in the product and therefore do not contribute to a dust inhalation hazard.</p> <p style="margin-left: 20px;">Silicon dioxide Titanium dioxide Carbon black</p>		

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Engineering measures:	<p>Processing may form hazardous compounds (see section 10). Ensure adequate ventilation, especially in confined areas. Ensure compliance with applicable exposure limits. Dust formation may be relevant in the processing of this product. In addition to substance-specific OELs, general limitations of concentrations of particulates in the air at work-places have to be considered in workplace risk assessment. Relevant limits include: OSHA PEL for Particulates Not Otherwise Regulated of 15 mg/m³ - total dust, 5 mg/m³ - respirable fraction; and ACGIH TWA for Particles (insoluble or poorly soluble) Not Otherwise Specified of 3 mg/m³ - respirable particles, 10 mg/m³ - inhalable particles.</p>
Individual Protection Measures	
Eye/Face Protection:	Wear safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
Skin Protection:	Skin should be washed after contact.
Hand Protection:	Wash hands before breaks and at the end of workday.
Respiratory Protection:	General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.
Hygiene measures:	<p>Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.</p>

Section 9: Physical and Chemical Properties	
<p>Physical State: Liquid</p> <p>Color: In accordance with product description</p> <p>Odor: Acetic Acid</p> <p>pH: Not applicable</p> <p>Boiling Point: Not applicable</p> <p>Flash Point: >100 °C (closed cup)</p> <p>OSHA Flammability Class: Not classified as a flammability hazard</p> <p>Vapor Density (air = 1): Not available</p> <p>Specific Gravity (water = 1): Not available</p> <p>Log KOW: Not available</p> <p>KOC: Not available</p> <p>Viscosity: Not applicable</p> <p>Volatility: Not available</p>	<p>Appearance: Paste</p> <p>Physical Form: : Paste</p> <p>Odor Threshold: Not available</p> <p>Melting Point: Not available</p> <p>Decomposition: Not available</p> <p>Evaporation Rate: Not applicable</p> <p>Vapor Pressure: Not applicable</p> <p>Density: 1.007</p> <p>Water Solubility: Not available</p> <p>Coeff. Water/Oil Dist: Not available</p> <p>Auto Ignition: Not available</p> <p>VOC: Not available</p> <p>Molecular Formula: Not available</p>

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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:	Oxidizing agents.
Hazardous Decomposition Products:	Formaldehyde

Section 11: Toxicological Information					
<u>Acute Toxicity</u>					
Not classified based on available information.					
CAS	Component	Result	Species	Dose	Exposure
7631-86-9	Silicon dioxide	LD50 Oral	Rat	>3300 mg/kg	N/A
		LC50 Inhalation	Rat	>2.08 mg/L	4 hr
		LD50 Dermal	Rabbit	>5000 mg/kg	N/A
13463-67-7	Titanium dioxide	LD50 Oral	Rat	>5000 mg/kg	N/A
		LC50 Inhalation	Rat	>6.82 mg/L	4 hr
7429-90-5	Aluminum	LD50 Oral	Rat	>5000 mg/kg	N/A
		LC50 Inhalation	Rat	>0.888 mg/L	4 hr
1333-86-4	Carbon black	LD50 Oral	Rat	>5000 mg/kg	N/A
		LC50 Inhalation	Rat	>0.0046 mg/L	4 hr
		LD50 Dermal	Rabbit	>3000 mg/kg	N/A
Information on Likely Routes of Exposure					
Inhalation:	Not classified based on available information.				
Ingestion:	Not classified based on available information.				
Skin Contact:	Not classified based on available information.				
Eye Contact:	Not classified based on available information.				
Immediate Effects:	Not classified based on available information.				
Delayed Effects:	No information is available.				
Medical Conditions Aggravated by Exposure:	No information is available.				

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Irritation/Corrosivity Data:	Not classified based on available information.	
Respiratory Sensitization:	Not classified based on available information.	
Dermal Sensitization:	Not classified based on available information.	
Germ Cell Mutagenicity:	Not classified based on available information.	
Carcinogenicity:	Not classified based on available information.	
Component Carcinogenicity		
CAS	Component	
13463-67-7	Titanium dioxide	Result
		IARC: Group 2B (possibly carcinogenic to humans)
		OSHA: Not present at levels greater than or equal to 0.1% to be identified as a carcinogen or potential carcinogen
		NTP: Not present at levels greater than or equal to 0.1% to be identified as a carcinogen or potential carcinogen
1333-86-4	Carbon Black	IARC: Group 2B (possibly carcinogenic to humans)
		OSHA: Not present at levels greater than or equal to 0.1% to be identified as a carcinogen or potential carcinogen
		NTP: Not present at levels greater than or equal to 0.1% to be identified as a carcinogen or potential carcinogen
Reproductive Toxicity:		Not classified based on available information.
Specific Target Organ Toxicity – Single Exposure:		No target organs identified.
Specific Target Organ Toxicity – Repeated Exposure:		No target organs identified.
Aspiration Hazard:		Not classified based on available information.

Section 12: Ecological Information						
Ecotoxicity						
No information available for the product.						
Component Analysis – Aquatic Toxicity						
CAS	Component	Aquatic	Result	Species	Dose	Exposure
13463-67-7	Titanium dioxide	Fish	LC50	Rainbow trout (<i>Oncorhynchus mykiss</i>)	>100 mg/L	96 hr
		Invertebrates	EC50	Water flea (<i>Daphnia magna</i>)	>100 mg/L	48 hr
		Algae	EC50	Marine diatom (<i>Skeletonema costatum</i>)	>10,000 mg/L	72 hr
		Bacteria	EC50	N/A	>1000 mg/L	3 hr
7429-90-5	Aluminum	Fish	LC50	Rainbow trout (<i>Oncorhynchus mykiss</i>)	80 µg/L	96 hr
		Invertebrates	EC50	Water flea (<i>Daphnia magna</i>)	>0.135 mg/L	48 hr

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		Fish (Chronic toxicity)	No toxicity at the limit of solubility.			
1333-86-4	Carbon Black	Fish	LC50	Zebrafish (<i>Danio rerio</i>)	1000 mg/L	96 hr
		Invertebrates	EC50	Water flea (<i>Daphnia magna</i>)	>5600 mg/L	24 hr
		Algae	NOEC	Green algae (<i>Desmodesmus subspicatus</i>)	10,000 mg/L	72 hr
Persistence and Degradability:		No data available.				
Bioaccumulative Potential:		No data available.				
Mobility in Soil:		No data available.				
Other adverse effects:		No data available.				

Section 13: Disposal Considerations	
Disposal Methods	
Resource Conservation and Recovery Act (RCRA):	This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.
Waste from residues:	Dispose of in accordance with local regulations.
Contaminated packaging:	Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

Section 14: Transport Information	
International Regulation	
UNRTDG:	Not regulated as a dangerous good.
IATA-DGR:	Not regulated as a dangerous good.
IMDG-Code:	Not regulated as a dangerous good.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable for product as supplied.
Domestic Regulation	
49 CFR:	Not regulated as a dangerous good.

Section 15: Regulatory Information	
US Federal Regulations	
SARA 302 Extremely Hazardous Substances:	This material does not contain any components with a section 302 EHS RQ.

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SARA 304 Extremely Hazardous Substances Threshold Planning Quantity:	This material does not contain any components with a section 304 EHS TPQ.		
SARA 311/312 Hazards:	No SARA Hazards		
SARA 313:	The following components are subject to reporting levels established by SARA Title III, Section 313. Aluminium (7429-90-5) 1.6%		
EPCRA-Emergency Planning and Community Right-to-Know			
CERCLA Reportable Quantity			
CAS	Component	Component RQ (lbs)	Calculated Product RQ (lbs)
108-24-7	Acetic anhydride	5000	Exceeds reasonably attainable upper limit.
64-19-7	Acetic acid	5000	Exceeds reasonably attainable upper limit.
US State Regulations			
Pennsylvania Right To Know			
CAS	Component		
70131-67-8	Dimethyl siloxane, hydroxy-terminated		
7631-86-9	Silicon dioxide		
63148-62-9	Dimethyl siloxane, trimethylsiloxy-terminated		
1332-37-2	Iron oxide		
13463-67-7	Titanium oxide		
7429-90-5	Aluminum		
64-19-7	Acetic acid		
108-24-7	Acetic anhydride		
147-14-8	Pigment Blue 15		
California Proposition 65:	This product does not contain any chemicals known by the State of California to cause cancer or reproductive harm.		
California List of Hazardous Substances			
Aluminum	7429-90-5		
California Permissible Exposure Limits for Chemical Contaminants			
Silicon dioxide	7631-86-9		
Titanium dioxide	13463-67-7		
Aluminum	7429-90-5		
The ingredients of this product are reported in the following inventories:			
TSCA:	All chemical substances in this product are either listed in the TSCA Inventory or are in compliance with a TSCA Inventory exemption.		
AICS:	All ingredients listed or exempt.		
IECSC:	All ingredients listed or exempt.		
PICCS:	All ingredients listed or exempt.		
DSL:	All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).		
REACH:	All ingredients are currently pre/registered or exempt under REACH. Please refer to section 1 for recommended uses.		

Section 16: Other Information

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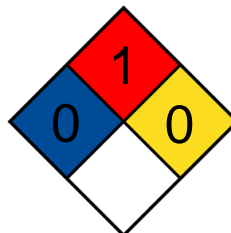
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Issue Date: 6/18/2015
Revision: 2
Revision Date: 8/30/2018
NFPA Ratings:

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



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

Section 2: Hazard(s) Identification	
GHS Classification:	Not a hazardous substance or mixture.
Acute Effects:	No information on significant adverse effects.
Delayed Effects:	No information on significant adverse effects.
Indication of Immediate Medical Attention and Special Treatment Needed, If Needed:	Treat symptomatically and supportively.
GHS Label Elements	
Symbol(s):	None.
Signal Word:	None.
Hazard Statement(s):	None known.
Precautionary Statement(s) Prevention:	Use only outdoors or in a well-ventilated area. Avoid release to the environment.
Response:	None known.
Storage:	Keep in properly labeled containers. Store in accordance with the particular national regulations.
Disposal:	Dispose of contents/container in accordance with local/regional/national/international regulations.

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Section 3: Composition/Information on Ingredients

Chemical Nature: Silicone elastomer

This product is a mixture

Contains no hazardous ingredients according to GHS

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
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

Hazardous Combustion Products: Carbon oxides and silicon oxides

Unusual Fire and Explosion Hazards: Exposure to combustion products may be a hazard to health.

Special Protective Equipment and Precautions for Firefighters:

Procedures: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Special protective equipment: Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

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Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Follow safe handling advice and personal protective equipment recommendations.

Environment Precautions:

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

Methods and Materials for Containment and Cleaning Up:

Wipe up or scrape up and contain for salvage or disposal. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, Sections 13 and 15 of this SDS provide information regarding certain local or national requirements. See sections: 7, 8, 11, 12 and 13.

Section 7: Handling and Storage

Precautions for Safe Handling

Take care to prevent spills, waste and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice. Use only with adequate ventilation. See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.

Conditions for safe storage:

Keep in properly labelled containers. Store in accordance with the particular national regulations.

Incompatible Materials: Strong oxidizing agents

Unsuitable materials for containers: None known

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

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Hazardous Decomposition Products: formaldehyde.

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.

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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 Section 10 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	Not regulated for transport
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Classification for SEA transport (IMO-IMDG):

Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code	Not regulated for transport Consult IMO regulations before transporting ocean bulk
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Classification for AIR transport (IATA/ICAO):	Not regulated for transport
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This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

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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

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

Revision Date: 8/1/2018

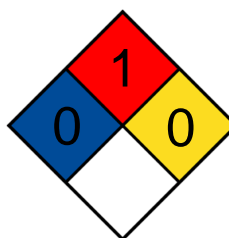
Revision: 2

NFPA Ratings:

Health: 0

Fire: 1

Reactivity: 0



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

HMIS III:

SAFTEY DATA SHEET

Product Identifier: ASI 502 Clear

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Revision: 2

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); IECS (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