



**ASI 57**

<b>Section 1: Product and Company Identification</b>	
American Sealants, Inc. 9190 Yeager Ln Fort Wayne, Indiana 46809 Phone: 260-489-0728 Fax: 260-489-0519	<b>Emergency Phone Number</b> INFOTRAC (International): 1-352-323-3500 INFOTRAC (North America): 1-800-535-5053
Product Identifier: ASI 57 Recommended Use: Adhesive/sealant Restrictions on Use: None	

<b>Section 2: Hazard(s) Identification</b>	
<b>GHS Classification:</b>	
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Irritation	Category 2
Skin Sensitization	Category 1
<b>GHS Label Elements:</b>	
<b>Symbol(s):</b>	
<b>Signal Warning:</b>	<b>Warning</b>
<b>Hazard Statement(s):</b>	Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction
<b>Precautionary Statement(s):</b>	
<b>Prevention:</b>	Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response:</b>	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 advice/attention  IF ON SKIN: Wash with plenty of soap and water Take off contaminated clothing and wash before reuse If skin irritation or rash occurs: Get medical advice/attention



<b>Disposal:</b>	Dispose of contents/container to an approved waste disposal plant
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<b>Section 3: Composition/Information on Ingredients</b>		
<b>Chemical Name</b>	<b>CAS No.</b>	<b>Weight %</b>
Proprietary	Proprietary	40-50
Proprietary	Proprietary	10-20
Proprietary	Proprietary	< 5
Proprietary	Proprietary	< 1
Proprietary	Proprietary	< 1

**\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\***

<b>Section 4: First-Aid Measures</b>	
<b>Inhalation:</b>	IF INHALED: Remove to fresh air
<b>Skin Contact:</b>	IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
<b>Eye Contact:</b>	IF I 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 advice/attention.
<b>Ingestion:</b>	IF SWALLOWED: Clean mouth with water and drink plenty of water afterwards.
<b>Most Important Symptoms and Effects:</b> May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.	
<b>Indication of any immediate medical attention and special treatment needed:</b>	
<b>Notes to physician:</b>	Treat symptomatically

<b>Section 5: Fire-Fighting Measures</b>	
<b>Suitable Extinguishing Media:</b>	Carbon Dioxide (CO <sub>2</sub> ) Dry Chemical Foam Water Spray (fog)
<b>Unsuitable Extinguishing Media:</b>	Not determined
<b>Specific Hazards Arising from the Chemical:</b>	Products may burn, but do not ignite readily.
<b>Hazardous Combustion Products:</b>	This product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons
<b>Protective equipment and precautions for firefighters</b> As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Move material from fire area if it can be done without risk. Cool containers with water. Avoid inhalation of vapors or combustion by-products. Use extinguishing agents appropriate for surrounding fire. Dike for later disposal. Stay upwind and keep out low areas.	



<b>Section 6: Accidental Release Measures</b>	
<b>Personal precautions, protective equipment and emergency procedures</b>	
<b>Personal Precautions:</b>	Wear personal protective clothing and equipment, see Section 8. Keep unnecessary people away, isolate hazard area and deny entry. Only personnel trained for the hazards of this material should perform clean up and disposal.
<b>Environmental Precautions:</b>	Avoid release to the environment.
<b>Methods and Materials for Containment and Cleaning Up</b>	
<b>Methods for Containment:</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Clean Up:</b>	Ventilate the area. Stop leak if possible without personal risk. Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal.

<b>Section 7: Handling and Storage</b>	
<b>Precautions for Safe Handling</b>	
<b>Advice on Safe Handling</b>	Do not breathe vapors or spray mist. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing and eye/face protection. Wash face, hands and any exposed skin thoroughly after handling.
<b>Conditions for Safe Storage, including and incompatibilities</b>	
<b>Storage Conditions:</b>	Store and handle in accordance with all current regulations and standards. Keep container tightly closed. Keep separated from incompatible substances.
<b>Incompatibilities:</b>	Strong acids. Strong oxidizing agents.

<b>Section 8: Exposure Controls/Personal Protection</b>		
<b>Component Exposure Limits</b>		
Chemical Component	CAS No.	Exposure Limits
Proprietary	Proprietary	<b>OSHA PEL:</b> TWA: 15 mg/m3 (total dust) TWA: 5 mg/m3 (respirable fraction) TWA (vacated): 15 mg/m3 (total dust) TWA (vacated): 5 mg/m3 (respirable fraction) <b>NIOSH IDLH:</b> TWA: 10 mg/m3 (total dust) TWA: 5 mg/m3 (respirable fraction)
Proprietary	Proprietary	<b>NIOSH IDLH:</b> TWA: 10 mg/m3 (total dust) TWA: 5 mg/m3 (respirable dust)
Proprietary	Proprietary	<b>ACGIH TLV</b> TWA: 3 mg/m3 (inhalable particulate matter) <b>OSHA PEL</b> TWA: 3.5 mg/m3



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		<p>TWA (vacated): 3.5 mg/m3</p> <p><b>NIOSH IDLH</b></p> <p>IDLH: 1750 mg/m3</p> <p>TWA: 3.5 mg/m3</p> <p>TWA: 0.1 mg/m3 (Carbon black in presence of Polycyclic aromatic hydrocarbons PAH)</p>
Proprietary	Proprietary	<p><b>ACGIH TLV</b></p> <p>STEL: 0.2 mg/m3 Sn</p> <p>TWA: 0.1 mg/m3 Sn</p> <p>S*</p> <p><b>OSHA PEL</b></p> <p>TWA: 0.1 mg/m3 Sn</p> <p>(vacated) TWA: 0.1 mg/m3 Sn</p> <p>(vacated) S*</p> <p><b>NIOSH IDLH</b></p> <p>IDLH: 25 mg/m3 Sn</p> <p>TWA: 0.1 mg/m3 except Cyhexatin Sn</p>
<p><b>Appropriate Engineering Controls:</b></p>		<p>Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.</p>
<p><b>Individual protection measures, such as personal protective equipment</b></p>		
<p><b>Eye/Face Protection:</b></p>		<p>Wear splash resistant safety goggles with a face shield.</p>
<p><b>Skin and Body Protection:</b></p>		<p>Wear appropriate chemical resistant clothing. Skin should be washed after contact.</p>
<p><b>Respiratory Protection:</b></p>		<p>Use an approved respirator if exposure limits are exceeded or if irritation develops or persists.</p>
<p><b>General Hygiene Considerations:</b></p>		<p>Handle in accordance with good industrial hygiene and safety practice.</p>

Section 9: Physical and Chemical Properties			
<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Paste
<b>Color:</b>	In accordance with product description		
<b>Odor:</b>	Odorless	<b>Odor Threshold:</b>	Not determined
<b>pH:</b>	Not determined	<b>Melting Point:</b>	Not determined
<b>Boiling Point:</b>	Not determined	<b>Flash Point:</b>	>93.3° C (200° F)
<b>Evaporation Rate:</b>	Not determined	<b>Flammability (Sold, Gas)</b>	Liquid-Not applicable
<b>Flammability Limits in Air:</b>		Upper Limit:	Not determined
		Lower Limit:	Not determined
<b>Vapor Pressure:</b>	Not determined	<b>Vapor Density:</b>	1.3-1.7
<b>Density:</b>	13.75 lb/gal	<b>Water Solubility:</b>	Slightly soluble
<b>Solubility in other Solvents:</b>	Not determined	<b>Partition Coefficient:</b>	Not determined
<b>Auto-ignition Temp.:</b>	Not determined	<b>Decomposition Temp.:</b>	Not determined
<b>Kinematic Viscosity:</b>	Not determined	<b>Dynamic Viscosity:</b>	Not determined
<b>Explosive Properties:</b>	Not determined	<b>Oxidizing Properties:</b>	Not determined



<b>Section 10: Stability and Reactivity</b>	
<b>Reactivity:</b>	Not reactive under normal conditions.
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions:</b>	None under normal processing.
<b>Hazardous Polymerization:</b>	Will not polymerize
<b>Conditions to Avoid:</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid contact with incompatible materials.
<b>Incompatible Materials:</b>	Strong acids. Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide, and other low molecular weight hydrocarbons.

<b>Section 11: Toxicological Information</b>					
<b>Information on Likely Routes of Exposure</b>					
<b>Eye Contact:</b>	Causes serious eye irritation				
<b>Skin Contact:</b>	Causes skin irritation				
<b>Inhalation:</b>	Do not inhale				
<b>Ingestion:</b>	May be harmful if swallowed				
<b>Component Information</b>					
Component	CAS No.	Results	Species	Dose	Exposure
Proprietary	Proprietary	LD50 Oral	Rat	=3,750 mg/kg >2 g/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	=6,450 mg/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	20,000 mg/kg	N/A
Proprietary	Proprietary	LD50 Oral LD50 Dermal	Rat Rabbit	>15,400 mg/kg >3 g/kg	N/A
Proprietary	Proprietary	LC50 Inhalation	Rat	500 mg/m3	4 hr
Proprietary	Proprietary	LD50 Oral LD50 Dermal	Rat Rabbit	7,340 µL/kg 3,360 µL/kg	N/A
Proprietary	Proprietary	LD50 Oral	Rat	7,460 µL/kg	N/A
Proprietary	Proprietary	LD50 Dermal	Rabbit	>5 g/kg	N/A
<b>Information on physical, chemical, and toxicological effects</b>					
<b>Symptoms:</b>	Please see Section 4 of the SDS for symptoms				
<b>Delayed and immediate effects as well as chronic effects from short and long-term exposure</b>					
<b>Sensitization:</b>	May cause an allergic skin reaction.				
<b>Carcinogenicity:</b>	Carbon black is a possible carcinogen when it appears as a respirable dust.				
Chemical Name	CAS No.	ACGIH	IARC	NTP	OSHA



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Proprietary	Proprietary	A3	Group 2B		X
<p><b>Legend</b></p> <p><b>ACGIH (American Conference of Governmental Industrial Hygienists)</b>          A3 - Animal Carcinogen</p> <p><b>IARC (International Agency for Research on Cancer)</b>          Group 2B - Possibly Carcinogenic to Humans</p> <p><b>OSHA (Occupational Safety and Health Administration of the US Department of Labor)</b>          X - Present</p> <p><b>Numerical Measures of Toxicity</b>          The following values are calculated based on chapter 3.1 of the GHS document .</p> <p><b>ATEmix (oral):</b> 3,222.00 mg/kg  <b>ATEmix (dermal):</b> 8,480.00 mg/kg</p>					

<b>Section 12: Ecological Information</b>						
<p><b>Ecotoxicity</b>          The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.</p>						
<b>Component Information</b>						
Component	CAS No.	Aquatic	Result	Species	Dose	Exposure
Proprietary	Proprietary	Invertebrates	EC50	Water Flea (Daphnia magna)	5,600 mg/L	24 hr
<p><b>Persistence/Degradability:</b>          Not determined</p> <p><b>Bioaccumulation:</b>          Not determined</p> <p><b>Mobility:</b>          Not determined</p> <p><b>Other Adverse Effects:</b>          Not determined</p>						

<b>Section 13: Disposal Considerations</b>		
<b>Waste Treatment Methods</b>		
<b>Disposal of Wastes:</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.	
<b>Contaminated Packaging:</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.	
<b>California Hazardous Waste Status</b>		
Chemical Component	CAS No.	California Hazardous Waste Status
Proprietary	Proprietary	Toxic



**SARA 311/312 Hazard Categories**

Acute Health Hazard: No  
Chronic Health Hazard: Yes  
Fire Hazard: No  
Sudden Release of Pressure Hazard: No  
Reactive Hazard: No

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**US State Right-to-Know Regulations**

Chemical Name	CAS No.	New Jersey	Massachusetts	Pennsylvania
Proprietary	Proprietary	X	X	X
Proprietary	Proprietary	X	X	X

**Section 16: Other Information**

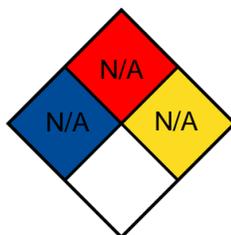
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**NFPA Ratings:**

Health: N/A  
Fire: N/A  
Reactivity: N/A



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



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**HMIS III:**

<b>HEALTH</b>	N/A
<b>FLAMMABILITY</b>	N/A
<b>PHYSICAL HAZARD</b>	N/A

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**