

ASI 5900

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 (International): 1-352-323-3500
INFOTRAC (North America): 1-800-535-5053

Product Identifier: ASI 5900
Recommended Use: Adhesive/sealant
Restrictions on Use: None

Section 2: Hazard(s) Identification

Appearance: Paste

Physical State: Liquid

Odor: Odorless

GHS Classification:

Acute Toxicity – Inhalation (dust/mist)	Category 4
Skin Sensitization	Category 1
Reproductive Toxicity	Category 1B
Specific Target Organ Toxicity (Repeated Exposure)	Category 1

GHS Label Elements:

Symbol(s):



Signal Warning:

Hazard Statement(s):

Danger

Harmful if inhaled
May cause an allergic skin reaction
May damage fertility or the unborn child
Causes damage to organs through prolonged or repeated exposure

Precautionary Statement(s):

Prevention:

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Use only outdoors or in a well-ventilated area

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Response:	Contaminated work clothing must not be allowed out of the workplace Do not breathe dust/fume/gas/mist/vapors/spray Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product If exposed or concerned: Get medical advice/attention
Storage	IF ON SKIN: Wash with plenty of water and soap Wash contaminated clothing before reuse If skin irritation or rash occurs: Get medical advice/attention
Disposal	IF INHALED: Remove person to fresh air and keep comfortable for breathing Store locked up Dispose of contents/container to an approved waste disposal plant

Section 3: Composition/Information on Ingredients

Chemical Name	CAS No.	Weight %
Limestone	1317-65-3	40-50
Calcium Carbonate	471-34-1	15-20
Titanium(IV) Oxide	13463-67-7	1-5
Proprietary Component 3	Proprietary	1-5
Proprietary Component 4	Proprietary	0.1-1
Proprietary Component 5	Proprietary	0.1-1
Stearic Acid	57-11-4	0.1-1

****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.****

Section 4: First-Aid Measures

General Advice:	If exposed or concerned, get medical advice/attention.
Inhalation:	Remove person to fresh air and keep comfortable for breathing.
Skin Contact:	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.
Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Ingestion:	Clean mouth with water and drink afterwards plenty of water.
Most Important Symptoms and Effects:	May be harmful in contact with skin. Harmful if inhaled. May cause an allergic skin reaction. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.
Indication of any immediate medical attention and special treatment needed:	
Notes to physician:	Treat symptomatically

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media:	Carbon Dioxide (CO ₂) Dry Chemical
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Unsuitable Extinguishing Media:	Foam Water Spray (fog) Not determined
Specific Hazards Arising from the Chemical:	None
Explosion Data:	
Sensitivity to Mechanical Impact:	Not applicable
Sensitivity to Static Discharge:	Not applicable
Protective equipment and precautions for firefighters	
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.	

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

- Personal Precautions:** Use personal protection recommended in Section 8. Avoid eye, skin and clothing contact.
- Environmental Precautions:** See Section 12 for additional Ecological information

Methods and Materials for Containment and Cleaning Up

- Methods for Containment:** Prevent further leakage or spillage if safe to do so.
- Methods for Clean Up:** Collect spill with absorbent material such as cardboard, allow to cure and place into a container approved for waste disposal.

Section 7: Handling and Storage

Precautions for Safe Handling

- Advice on Safe Handling** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing and eye/face protection. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

Conditions for Safe Storage, including and incompatibilities

- Storage Conditions:** Store locked up.
- Incompatibilities:** Moisture

Section 8: Exposure Controls/Personal Protection

Component Exposure Limits

Chemical Component	CAS No.	Exposure Limits
Limestone	1317-65-3	OSHA PEL: TWA: 15 mg/m ³ (total dust) TWA: 5 mg/m ³ (respirable fraction) TWA (vacated): 15 mg/m ³ (total dust) TWA (vacated): 5 mg/m ³ (respirable fraction)

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		NIOSH IDLH: TWA: 10 mg/m3 (total dust) TWA: 5 mg/m3 (respirable fraction)
Calcium Carbonate	471-34-1	NIOSH IDLH: TWA: 10 mg/m3 (total dust) TWA: 5 mg/m3 (respirable dust)
Titanium(IV) Oxide	13463-67-7	ACGIH TLV TWA: 10 mg/m3 OSHA PEL TWA: 15 mg/m3 (total dust) TWA (vacated): 10 mg/m3 (total dust) NIOSH IDLH IDLH: 5,000 mg/m3 TWA: 2.4 mg/m3 CIB 63 fine TWA: 0.3 mg/m3 COB 63 ultrafine, including engineered nanoscale
Proprietary Component 4	Proprietary	ACGIH TLV STEL: 0.2 mg/m3 Sn TWA: 0.1 mg/m3 Sn S* OSHA PEL TWA: 0.1 mg/m3 Sn (vacated) TWA: 0.1 mg/m3 Sn (vacated) S* NIOSH IDLH IDLH: 25 mg/m3 Sn TWA: 0.1 mg/m3 except Cyhexatin Sn
Stearic Acid	57-11-4	ACGIH TLV TWA: 10 mg/m3 inhalable particulate matter TWA : 3 mg/m3 respirable particulate matter
Appropriate Engineering Controls Apply technical measures to comply with the occupational exposure limits.		
Individual protection measures, such as personal protective equipment		
Eye/Face Protection:		Wear safety glasses or goggles to avoid eye contact.
Skin and Body Protection:		Wear impervious gloves such as vinyl to minimize contact with skin.
Respiratory Protection:		Refer to 29 CFR 1910.134 for respiratory protection requirements.
General Hygiene Considerations:		Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Physical State:	Liquid	Appearance:	Paste
Color:	In accordance with product description		
Odor:	Odorless	Odor Threshold:	Not determined
pH:	Not determined	Melting Point:	Not determined

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Boiling Point:	Not determined	Flash Point:	Not applicable
Evaporation Rate:	Not determined	Flammability (Solid, Gas)	Liquid-Not applicable
Flammability Limits in Air:			
Upper Limit:	Not applicable		
Lower Limit:	Not applicable		
Vapor Pressure:	Not determined	Vapor Density:	Not determined
Density:	15.01 lb/gal	Water Solubility:	Slightly soluble
Solubility in other Solvents:	Not determined	Partition Coefficient:	Not determined
Auto-ignition Temp.:	Not applicable	Decomposition Temp.:	Not determined
Kinematic Viscosity:	Not determined	Dynamic Viscosity:	Not determined
Explosive Properties:	Not determined	Oxidizing Properties:	Not determined

Section 10: Stability and Reactivity

Reactivity:	Not reactive under normal conditions.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Conditions to Avoid:	Keep out of reach of children.
Incompatible Materials:	Moisture
Hazardous Decomposition Products:	Thermal decomposition may produce toxic fumes of Carbon monoxide and/or Carbon dioxide.

Section 11: Toxicological Information

Information on Likely Routes of Exposure

Eye Contact:	Avoid eye contact with eyes.
Skin Contact:	May be harmful in contact with skin
Inhalation:	Do not inhale
Ingestion:	Do not ingest

Component Information

Component	CAS No.	Results	Species	Dose	Exposure
Calcium Carbonate	471-34-1	LD50 Oral LD50 Dermal	Rat	=6,450 mg/kg > 2,000 mg/kg	N/A
Proprietary Component 2	Proprietary	LD50 Dermal	Rabbit	> 2,000 mg/kg	N/A
Titanium(IV) Oxide	13463-67-7	LD50 Oral	Rat	> 10,000 mg/kg	N/A
Proprietary Component 3	Proprietary	LD50 Oral LD50 Dermal	Rat Rabbit	=7,340 µL/kg =3.54 mL/kg	N/A
Proprietary Component 4	Proprietary	LD50 Dermal	Rat	> 2,000 mg/kg	N/A
Proprietary Component 5	Proprietary	LD50 Dermal LC50 Inhalation	Rat	> 3,170 mg/kg =500 mg/m3	N/A 4 hr
Proprietary Component 6	Proprietary	LD50 Oral LD50 Dermal	Rat Rabbit	=2,413 mg/kg > 2,009 mg/kg	N/A
Stearic Acid	57-11-4	LD50 Oral	Rat	=4,600 mg/kg	N/A

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		LD50 Dermal	Rabbit	> 2,000 mg/kg	
Information on physical, chemical, and toxicological effects Symptoms: Please see Section 4 of the SDS for symptoms Delayed and immediate effects as well as chronic effects from short and long-term exposure Sensitization: May cause an allergic skin reaction. Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.					
Chemical Name	CAS No.	ACGIH	IARC	NTP	OSHA
Titanium(IV) Oxide	13463-67-7		Group 2B		X
Legend <i>ACGIH (American Conference of Governmental Industrial Hygienists)</i> <i>A3 - Animal Carcinogen</i> <i>IARC (International Agency for Research on Cancer)</i> <i>Group 2B - Possibly Carcinogenic to Humans</i> <i>OSHA (Occupational Safety and Health Administration of the US Department of Labor)</i> <i>X - Present</i> STOT – Repeated Exposure: May cause damage to organs through prolonged or repeated exposure.					
Numerical Measures of Toxicity The following values are calculated based on chapter 3.1 of the GHS document . Oral LD50 10,075.80 mg/kg Dermal LD50 2,330.90 mg/kg ATEmix (inhalation-dust/mist) 1.60 mg/L					

Section 12: Ecological Information			
Ecotoxicity 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.			
Chemical Name	Algae/aquatic plants	Fish	Crustacea
Proprietary Component 2		10000: 96 h Danio rerio mg/L LC50 static	
Proprietary Component 3		191: 96 h Oncorhynchus mykiss mg/L LC50 not specified	
Proprietary Component 4		2: 96 h Oryzias latipes mg/L LC50 semi-static	
Proprietary Component 5		4.4: 96 h Lepomis macrochirus mg/L LC50 flow-through	
Persistence/Degradability: Not determined			

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Bioaccumulation:

There is not data for this product

Mobility:

Not determined

Other Adverse Effects:

Not determined

Section 13: Disposal Considerations

Waste Treatment Methods

Disposal of Wastes:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical Component	CAS No.	California Hazardous Waste Status
Proprietary Component 4	Proprietary	Toxic

Section 14: Transport Information

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated

Section 15: Regulatory Information

International Inventories

Chemical Name	TSCA	TSCA Inventory Status	DSL/NDL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Limestone	X	Active	X	X	X	X	X	X	X
Proprietary Component 1					X				X
Calcium Carbonate	X	Active	X	X	X	X	X	X	X
Proprietary Component 2	X	Active	X	X	X	X		X	X
Titanium(IV) Oxide	X	Active	X	X	X	X	X	X	X
Proprietary Component 3	X	Active	X	X	X	X	X	X	X
Proprietary Component 4	X	Active	X	X	X	X	X	X	X
Proprietary Component 5	X	Active	X	X	X	X	X	X	X
Proprietary Component 6	X	Active	X	X	X	X	X	X	X
Stearic acid	X	Active	X	X	X	X	X	X	X



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Proprietary Component 7	X	Active	X	X	X	X		X	X
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Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 311/312 Hazard Categories

Acute Health Hazard:	Yes
Chronic Health Hazard:	No
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
Titanium dioxide is a possible carcinogen when it appears as a respirable dust.

Chemical Component	CAS No.	California Proposition 65
Titanium(IV) Oxide	13463-67-7	Carcinogen

US State Right-to-Know Regulations

Chemical Name	CAS No.	New Jersey	Massachusetts	Pennsylvania
Limestone	1317-65-3	X	X	X
Titanium(IV) Oxide	13463-67-7	X	X	X

Section 16: Other Information

Issue Date: 07/25/2016

Revision Date: 2/8/2022

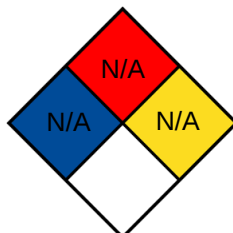
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NFPA Ratings:

Health: N/A

Fire: N/A

Reactivity: N/A



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

HMIS III:

HEALTH	1
FLAMMABILITY	0
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.

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