




**ASI 505**

| <b>Section 1: Product and Company Identification</b>   |   |
|--|---|
| American Sealants, Inc.<br>9190 Yeager Ln<br>Fort Wayne, Indiana 46809<br>Phone: 260-489-0728<br>Fax: 260-489-0519 | Emergency Phone Number<br>Infotrac: +1-800-535-5053 (Within US)<br>Infotrac: +1-352-323-3500 (Outside US) |
| Product Identifier: ASI 505  |   |
| Recommended Use: Coating   |   |
| Restrictions on Use: None known  |   |

| <b>Section 2: Hazard(s) Identification</b>   |  |
|--|--|
| 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.  |
| <b>GHS Label Elements</b>  |  |
| Symbol(s):   |   |
| Signal Word:   | Warning.   |
| Hazard Statement(s):   | May be harmful if swallowed.<br>Uncured product will irritate lips, gums, and tongue. Uncured product may irritate the skin.<br>Causes irritation of the mouth, nose, and throat. This applies to the uncured state only.<br>May cause mild eye irritation |
| Precautionary Statement(s) Prevention:   | Obtain special instructions before use, and do not handle until all safety precautions have been read and understood.  |
| Response:  | None known.  |
| Storage:   | Keep in properly labeled containers.<br>Store in accordance with the particular national regulations.  |

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Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

## Section 3: Composition/Information on Ingredients

| <u>CAS</u> | <u>Component</u>       | <u>Percent</u> |
|------------|------------------------|----------------|
| 70131-67-8 | Polydimethylsiloxane   | 45 - 60        |
| 63148-62-9 | Dimethylpolysiloxane   | 25 - 60        |
| 68611-44-9 | Silica                 | 10 - 19        |
| 4253-34-2  | Methyltriacetoxysilane | 3.0 – 12.0     |
| --         | Trade Secret Component | 2 – 8          |
| --         | Trade Secret Component | 1 – 5          |
| 77-58-7    | Dibutyltindilaurate    | 0.1 – 3.0      |

## 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.  
Remove completely with a dry cloth or paper towel.  
Get medical advice/attention if symptoms occur.

Eye Contact: IF IN EYES: Flush eyes with water for 15 minutes.  
If eye irritation develops and persists: Get medical advice/attention.

Ingestion: Rinse mouth thoroughly with water.  
Get immediate medical attention if symptoms occur.

## 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: No information available for the product.

Special Protective Equipment and Precautions for Firefighters: No information available for the product.  
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.

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| <b>Section 6: Accidental Release Measures</b>                        |  |
|--|--|
| Personal Precautions, Protective Equipment and Emergency Procedures: | Follow safe handling advice and personal protective equipment recommendations.   |
| Methods and Materials for Containment and Cleaning Up:               | Scrap up and place in an inert material for 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. |

| <b>Section 7: Handling and Storage</b>                        |   |
|---|---|
| <b>Precautions for Safe Handling</b><br>Protective Measures:  | Cure only where appropriate ventilation systems exist.  |
| Advice on General Occupational Hygiene:                       | Do not eat, drink, or smoke when using this product.<br>Wash thoroughly after handling.<br>Wash contaminated clothing before reuse.                             |
| Conditions for Safe Storage, including any Incompatibilities: | Store and handle in accordance with all current regulations and standards. Keep in properly labeled containers.<br>Keep separated from incompatible substances. |
| Incompatibilities:  | No information available for the product.   |

| <b>Section 8: Exposure Controls/Personal Protection</b> |                        |                     |
|---|------------------------|---------------------|
| <b>Component Exposure Limits</b>                        |                        |                     |
| CAS   | Component              | Exposure Limits     |
| 70131-67-8  | Polydimethylsiloxane   | TLV STEL: NE        |
|   |                        | PEL STEL: NE        |
| 63148-62-9  | Dimethylpolysiloxane   | ACGIH TWA: NE       |
|   |                        | TLV STEL: NE        |
|   |                        | OSHA TWA: NE        |
|   |                        | PEL STEL: NE        |
| 68611-44-9  | Silica                 | ACGIH TWA: 10 mg/m3 |
|   |                        | TLV STEL: 10 mg/m3  |
|   |                        | OSHA TWA: 10 mg/m3  |
|   |                        | PEL STEL: 15 mg/m3  |
| 4253-34-3   | Methyltriacetoxysilane | ACGIH TWA: 10 ppm   |
|   |                        | TLV STEL: NE        |
|   |                        | OSHA TWA: 10 ppm    |
|   |                        | PEL STEL: NE        |

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|         |                        |                     |
|---------|------------------------|---------------------|
| --      | Trade Secret Component | ACGIH TWA: NE       |
|         |                        | TLV STEL: NE        |
|         |                        | OSHA TWA: NE        |
|         |                        | PEL STEL: NE        |
| --      | Trade Secret Component | ACGIH TWA: NE       |
|         |                        | TLV STEL: NE        |
|         |                        | OSHA TWA: NE        |
|         |                        | PEL STEL: NE        |
| 77-58-7 | Dibutyltindilaurate    | ACGIH TWA: NE       |
|         |                        | TLV STEL: 0.1 mg/m3 |
|         |                        | OSHA TWA: NE        |
|         |                        | PEL STEL: 0.1 mg/m3 |

**Appropriate Engineering Controls:** Ensure adequate ventilation, especially in confined areas. Ensure compliance with applicable exposure limits.

**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:** Wear cloth gloves. Wash hands before breaks and at the end of workday.

**Respiratory Protection:** None required. General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits.

## Section 9: Physical and Chemical Properties

|   |   |
|---|---|
| <b>Physical State:</b> Liquid   | <b>Appearance:</b> Paste  |
| <b>Color:</b> In accordance with product description                    | <b>Physical Form:</b> : Paste                                       |
| <b>Odor:</b> Vinegar  | <b>Odor Threshold:</b> Not available                                |
| <b>pH:</b> Not applicable   | <b>Melting Point:</b> Not available                                 |
| <b>Boiling Point:</b> Not applicable                                    | <b>Decomposition:</b> Not available                                 |
| <b>Flash Point:</b> >300 °C or 600 °F                                   | <b>Evaporation Rate:</b> < 1  |
| <b>OSHA Flammability Class:</b> Not classified as a flammability hazard | <b>Vapor Pressure:</b> Not applicable                               |
| <b>Vapor Density (air = 1):</b> Not available                           | <b>Density:</b> 1020 kg/m3  |
| <b>Specific Gravity (water = 1):</b> 1.02                               | <b>Water Solubility:</b> Insoluble                                  |
| <b>Log KOW:</b> Not available   | <b>Coeff. Water/Oil Dist:</b> Not available                         |
| <b>KOC:</b> Not available   | <b>Auto Ignition:</b> Not available                                 |
| <b>Viscosity:</b> Not applicable  | <b>VOC:</b> NT  |
| <b>% Volatile by Volume:</b> < 3  | <b>Solubility in Organic Solvents:</b> Partially soluble in toluene |

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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. 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:             | No information available for the product.  |
| Hazardous Decomposition Products:   | Upon decomposition, this product emits carbon dioxide, carbon monoxide, silicon dioxide, and formaldehyde.   |

## Section 11: Toxicological Information

### Acute Toxicity

#### Component Analysis – LD50/LC50

No information available for the product.

#### 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.                   |
| 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. |

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Carcinogenicity: Not classified based on available information.

### Component Carcinogenicity

No information available for the product.

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

No information available for the product.

Persistence and Degradability: No information available for the product.

Bioaccumulative Potential: No information available for the product.

Mobility in Soil: No information available for the product.

Biodegradation: No information available for the product.

## Section 13: Disposal Considerations

Disposal Methods: Dispose in accordance with all applicable federal, state/regional and local laws and regulations.

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

Component Waste Numbers: The U.S. EPA has not published waste numbers for this product's components.

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## 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

DOT: Not regulated as a dangerous good.

## Section 15: Regulatory Information

### US Federal Regulations

SARA 302 Extremely Hazardous  
Substances: None contained in product.  
SARA 304: Not applicable.  
SARA 311/312: None known.  
SARA 313: None known.  
  
TSCA: All components of this product are listed on TSCA Inventory.  
  
CERCLA Reportable Quantity: No information available for the product.

### US State Regulations

California Proposition 65: This product does not contain any chemicals known by the State of California to cause cancer or reproductive harm.

### Component Analysis – International Inventories

WHMIS Hazard Class: None.  
  
Export Schedule: B/HTSUS: 3910.00 Silicones in primary form.  
ECCN: EAR99

## Section 16: Other Information

Issue Date: 6/19/15  
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### NFPA Ratings:

Health: 1  
Fire: 0  
Reactivity: 0



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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:

OSHA: Occupational Safety and Health Administration; ACGIH: American Conference of Governmental Industrial Hygienists; LD50: Lethal Dose, 50 percent; LC50: Lethal Concentration, 50 percent; DOT: US Department of Transportation; IATA: International Air Transport Association; ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road); IMDG: International Maritime Code for Dangerous Goods; NFPA: National Fire Protection Association (USA); HMIS: Hazardous Materials Identification System (USA); WHMIS: Workplace Hazardous Materials Information System (Canada)

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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