

ASI 505

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 505	
Recommended Use: Coating	
Restrictions on Use: Not known	

Section 2: Hazard(s) Identification

Classification of the substance or mixture

Not classified

Label Elements

None

Signal Word

No signal word

Hazard Statement

No known significant effects or critical hazards

Precautionary Statement

General	Not applicable
Prevention	Not applicable
Response	Not applicable
Storage	Not applicable
Disposal	Not applicable

Other hazard information

This product can generate formaldehyde upon exposure above 300 degrees centigrade in atmospheres that contains oxygen. Formaldehyde is a skin, eye, and throat irritant.

Acetic acid is released upon curing.

Section 3: Composition/Information on Ingredients

Chemical Characterization: Mixture

SAFTEY DATA SHEET

Product Identifier: ASI 505

Version: 2

<u>CAS</u>	<u>Component</u>	<u>Percent</u>
4253-34-2	Methyltriacetoxysilane	3.0-12.0
There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.		

Section 4: First-Aid Measures

Inhalation:	Move to fresh air.
Skin Contact	Wash with soap and water. Remove completely with a dry cloth or paper towel.
Eye Contact	Flush with water for fifteen minutes and get medical attention if irritation persists.
Ingestion	Rinse mouth with water several times.
Notes to Physician:	None known

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media:	All standard firefighting material.
Unsuitable Extinguishing Media:	None known.
Flammability Properties:	
Flash Point:	> 300 °C or 600 °F
Ignition Temperature:	NA
Flammable Limits in Air-Upper%:	NA
Flammable Limits in Air-Lower%:	NA
Sensitivity to Mechanical Impact:	No
Sensitivity to Static Discharge:	No
Fire-fighting equipment/instructions	None known
General fire hazards	No data available

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:	None known.
Methods and Materials for Containment and Cleaning Up:	Scrape up and place in an inert material for disposal. See Section 8 for protective equipment upon exposure.

Section 7: Handling and Storage

SAFTEY DATA SHEET

Product Identifier: ASI 505

Version: 2

Precautions during handling and storage:	Cure only where appropriate ventilation systems exists, as seen in Section 8.
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Section 8: Exposure Controls/Personal Protection

Control Parameters

Components	Type	Value
Methyltriacetoxysilae (4253-34-3)	ACGIH TWA	10 ppm
	TLV STEL	NE
	OSHA TWA	10 ppm
	PEL STEL	NE

Exposure Controls and Protection:

Individual protection measures, such as personal protective equipment

Engineering Controls:	None known
Eye/face protection:	Safety glasses with side shields
Hand protection:	Cloth gloves
Respiratory protection:	None required
Other protective equipment:	None required
Ventilation:	Cure in well-ventilated areas

Section 9: Physical and Chemical Properties

Appearance	Liquid	Color:	In accordance to product description
Odor:	Vinegar	Odor Threshold:	No data available
pH:	No data available	Melting Point/freezing point:	No data available
Initial boiling point and boiling range:	No data available	Flash point:	> 300°C or 600°F
Evaporation Rate:	< 1	Flammability (soild, gas)	No data available
Upper/lower flammability or explosive limits:	No data available	Vapor Pressure:	No data available
Vapor Density:	No data available	Density:	1.02 (25 °C)
Water Solubility:	Insoluble	Solubility in Organic Solvents:	Partially soluble in toluene
Auto Ignition:	No data available	% Volatile by Volume	< 3
VOC:	Not tested	Acid/Alkalinity:	Slightly acidic

Section 10: Stability and Reactivity

Reactivity: No dangerous reaction if used as recommended.

SAFTEY DATA SHEET

Product Identifier: ASI 505

Version: 2

Chemical Stability:	Stable
Possibility of Hazardous Reactions:	Hazardous polymerization does not occur.
Conditions to Avoid:	None known
Incompatible Materials:	None known
Hazardous Decomposition Products:	Carbon dioxide, Carbon monoxide, Silicon dioxide, and Formaldehyde.

Section 11: Toxicological Information

Product information on Toxicological Effects:

Acute Oral LD50:	Unknown
Acute Dermal LD50:	Unknown
Acute Inhalation LC50:	Unknown
Ames Test:	Unknown

Section 12: Ecological Information

Ecotoxicity

Ecotoxicological Information:	Unknown
Chemical Fate Information:	Unknown

Section 13: Disposal Considerations

Disposal information:	Disposal should be made in accordance with federal, state and local regulations.
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Section 14: Transport Information

General:

DOT Shipping Name:	No data available
DOT Hazard Class:	Not DOT regulated
DOT Label:	No data available
UN/NA Label:	No data available
Placards:	None
IATA:	No data available
IMO IMDG-code:	No data available
European Class:	
RID (OCTI):	No data available

SAFTEY DATA SHEET

Product Identifier: ASI 505

Version: 2

ADR (ECE):	No data available
RAR (IATA):	No data available

Section 15: Regulatory Information

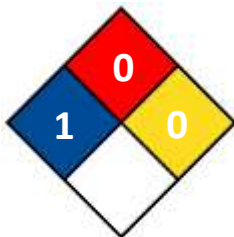
Regulatory Status and Applicable Laws and Regulations

SARA Section 302:	None found
SARA (311, 312) Hazard Class:	None
SARA (313) Chemicals:	None
CPSC Classification:	No data available
WHMIS Hazard Class:	None
Export Schedule:	
B/HTSUS:	3910.00 Silicones in primary form
ECCN:	EAR99
California Proposition 65:	None
TSCA Inventory Status:	All components of this product are listed (or exempt) on the EPA TSCA inventory.

Section 16: Other Information

Issue Date: 6-23-2015
Revision Date: 8-5-2022
Revision: 2
NFPA Ratings:

Health: 1
Fire: 0
Reactivity: 0



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:

SAFTEY DATA SHEET

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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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