

SAFETY DATA SHEET

Version: 3
Issue Date: 6-26-2015
Revision Date: 8-4-2022

ASI 174 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 174 White
Recommended Use:	Premium elastomeric, multi-purpose sealant – offers water clean-up
Restrictions on Use:	None known

Section 2: Hazard(s) Identification

Hazard Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

This product contains no substances which at their given concentration, are considered to be hazardous to health.

Label Elements

None

Signal Word

None

Other hazards

No data available

Section 3: Composition/Information on Ingredients

Chemical	CAS No	Weight %
Calcium Carbonate	1317-65-3	<50
Acrylic Emulsion	82539-93-3	<50
Benzoate Ester	WPS1532772	<15

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Titanium Dioxide	13463-67-7	<2.0
Ammonium Hydroxide	7664-41-7	<1
Carbon Black	1333-86-4	<1
Petroleum Hydrocarbons	64742-48-9	<1

* Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). (Calcium Carbonate, Titanium Dioxide) Inhalation of particulates unlikely due to product's physical state. (Carbon Black) May be present in colors other than White.

Section 4: First-Aid Measures

Description of first aid measures

General advice:

Provide this SDS to medical personnel for treatment.

- Inhalation:** Remove to fresh air. If breathing is difficult, leave area to obtain fresh air. If breathing remains difficult, get medical attention.
- Skin contact:** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If irritation persists, seek medical attention.
- Eye contact:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.
- Ingestion:** Do not induce vomiting, unless directed by medical personnel. If vomiting occurs, lean patient forward to maintain an open airway and prevent aspiration. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed:

Prolonged or repeated skin contact may result in dermatitis (red, dry skin). Direct contact with eyes may cause temporary irritation. Exposed individuals may experience eye tearing, redness and discomfort. Irritating to mouth, throat, and stomach if ingested. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting. Overexposure to vapors during application and curing may mildly irritate respiratory tract and result in coughing and sneezing.

Indication of any immediate medical attention and special treatment needed

Notes to physician: Provide general supportive measures and treat symptomatically. May aggravate preexisting skin disorders.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media: Water spray. Foam. Carbon dioxide (CO₂) Dry chemical.

Unsuitable Extinguishing Media: Not determined

Media:

Special Hazards Arising from the substance or mixture

Product is combustible and may ignite if exposed to high temperature or direct flame.

Hazardous Combustion Products Carbon, titanium and iron oxides, depending upon formulation

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. Use water spray to keep fire-exposed containers cool.

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Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear protective clothing as described in Section 8 of this safety data sheet.

Restrict access to spill area.

Other Information

Small Spills: 1 drum or less – Level D Equipment (gloves, chemical resistant apron, boots & eye protection).

Large Spills: Rubber gloves, rubber boots, face shield & Tyvek suit as a minimum. Minimum level of PPE for releases in which the oxygen level is < 19.5% or is unknown, should be Level B: triple gloves (rubber gloves & nitrile gloves over latex gloves), chemical resistant suit, fire-retardant clothing & boots, hard hat & self-contained breathing apparatus.

Methods and Materials for Containment and Cleaning Up:

Prevent further leakage or spillage is safe to do so. Use absorbent material to contain spill.

Sweep up absorbed material and shovel into suitable containers for disposal. Wash are with soap and water.

Environment Precautions:

Minimize use of water to prevent environmental contamination. Prevent spill or rinse from contaminating storm drains, sewers, soil or groundwater. Do not allow discharge containing this material to enter streams, ponds, estuaries, oceans or other waters unless in accordance w/ requirements of National Pollutant Discharge Elimination System (NPDES) permit & permitting authority has been notified in writing prior to discharge. Do not allow discharge containing this material to enter sewer systems w/o previously notifying local sewage treatment plant authority. For information, contact State Water Board or EPA Regional Office

Other: U.S. regulations may require reporting of spills of this material reaching surface waters if sheen is formed.

Section 7: Handling and Storage

Precautions for Safe Handling

Avoid breathing vapors. Use only with adequate ventilation. Open windows & doors to ensure fresh air cross-ventilation during application and curing. Wash thoroughly with soap and water after handling. Avoid contact with skin, eyes or clothing. While handling product keep out of reach of children and pets. Do not eat or drink while handling this material. See section 6 of this SDS for clean up instructions.

Conditions for Safe Storage, including any Incompatibilities:

Keep tightly closed in a dry and cool place. Close container after each use. Store containers away from excessive heat & freezing. Do not store @ temperatures above 120 ° F. Protect from direct sunlight. Store away from incompatible materials. To maximize shelf life, store @ temperatures below 26C (80F).

Incompatible Materials

Strong acids

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Section 8: Exposure Controls/Personal Protection				
<p>Exposure Guidelines Exposure guidelines/protective equipment are for routine handling and accidental spills</p>				
Chemical	CAS	ACGIH TLV	OSHA PEL	NIOSH IDLH
Calcium Carbonate	1317-65-3	—	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	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
Titanium Dioxide	13463-67-7	TWA : 10 mg/m ³	TWA : 15 mg/m ³ total dust TWA (vacated): 5 mg/m ³ respirable fraction	IDLH: 5,000 mg/m ³
Ammonium Hydroxide	7664-41-7	STEL: 35 ppm TWA: 25 ppm	TWA: 50 ppm TWA: 35 mg/m ³ STEL (vacated): 35 ppm STEL (vacated): 27 mg/m ³	IDLH: 300 ppm TWA: 25 ppm TWA: 18 mg/m ³ STEL: 35 ppm STEL: 27 mg/m ³
Carbon Black	1333-86-4	TWA: 3 mg/m ³ inhalable fraction	TWA: 3.5 mg/m ³ TWA (vacated): 3.5 mg/m ³	IDLH: 1,750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH
Petroleum Hydrocarbon	64742-48-9	ACGIH TWA: 5 mg/m ³ ACGIH STEL: 10 mg/m ³	—	—
<p>Engineering controls: Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.</p> <p>Personal Protective Equipment</p> <p style="margin-left: 20px;">Eye/face protection: Use approved safety goggles or safety glasses. If necessary, refer to appropriate regulations and standards.</p> <p style="margin-left: 20px;">Skin and body protection Skin: Wear chemical impervious gloves (eg: Nitrile or Neoprene). Use triple gloves for spill response. If necessary, refer to appropriate regulations & standards.</p> <p style="margin-left: 20px;">Body: Use protection appropriate for task (eg: lab coat, coveralls, Tyvek suit). If necessary, refer to OSHA Technical Manual (Sec. VII: Personal Protective Equipment) or appropriate Standards of Canada. Use foot protection, as described in appropriate regulations & standards.</p> <p style="margin-left: 20px;">Respiratory protection: If mists or sprays are created, use appropriate respiratory protection. Oxygen levels below 19.5% considered IDLH by OSHA. In such instances, use full-facepiece pressure demand SCBA or a full facepiece, supplied air respirator w/ auxiliary self-contained air supply.</p>				

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General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice

Section 9: Physical and Chemical Properties

Appearance	Smooth Paste	Color:	White
Odor:	Mild acrylic	Odor Threshold:	Not determined
pH:	7.0-9.0	Melting Point/freezing point:	< 0 °C (32 °F)
Initial boiling point and boiling range:	Not established	Flash point:	> 93 °C (> 200 °F)
Evaporation Rate:	Not determined	Flammability (soild, gas)	Not determined
Upper/lower flammability or explosive limits	Unknown	Vapor Pressure:	Not established
Vapor Density (air = 1):	Heavier than air	Density:	1.04-1.50 @ 25 °C (77°F)
Water Solubility	Soluble in water	Partition Coefficient (n-octanol/water)	Not determined
Auto Ignition:	Not determined	Decomposition temperature	Not determined
Dynamic viscosity	Not determined	Kinematic viscosity	Not determined
Explosive properties	Not determined	Oxidizing properties	Not determined
VOC Content (%)	<1.5%	VOC Content	<25 g/L

NOTE: The physical data presented above are typical values and should not be construed as a specification.

Section 10: Stability and Reactivity

Reactivity:	Cures upon contact with air
Chemical Stability:	Stable under recommended storage conditions
Possibility of Hazardous Reactions:	None under normal processing.
Conditions to Avoid:	Hazardous polymerization does not occur. Excessive heat or cold
Incompatible Materials:	Strong Acids.
Hazardous Decomposition Products:	Thermal decomposition can generate irritating dust, fumes and toxic gases (carbon, titanium, and iron oxides, depending upon formulation)

Section 11: Toxicological Information

Information on Likely Routes of Exposure

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Inhalation	Overexposure to vapors during application and curing may mildly irritate respiratory tract and result in coughing and sneezing.				
Eye Contact	Eye contact may result in tearing, redness and pain.				
Skin Contact	Prolonged and frequent contact may cause redness and irritation. Repeated skin contact may cause dermatitis.				
Ingestion	May cause gastrointestinal irritation, nausea, diarrhea and vomiting.				
Component Information					
Chemical	Oral LD50	Dermal LD50	Inhalation LC50		
Titanium Dioxide 13463-67-7	>10,000 mg/kg (Rat)	—	—		
Ammonium Hydroxide 7664-41-7	= 350 mg/kg (Rat)	—	=5.1 mg/L (Rat), 1 h 2,000 ppm (Rat), 4 h		
Carbon Black 1333-86-4	>15,400 mg/kg (Rat)	>3 g/kg (Rabbit)	—		
Petroleum Hydrocarbon 64742-48-9	> 5,000 mg/kg (Rat)	> 3,160 mg/kg (Rabbit)	—		
Information on Physical, Chemical and Toxicological Effects					
Symptoms	Please see Section 4 of this SDS for symptoms				
Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure					
Sensitization	Not known to be human skin or respiratory sensitizers				
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen. Titanium dioxide is a possible carcinogen when it appears as a respirable dust. Carbon black is a possible carcinogen when it appears as a respirable dust. Trace residual Formaldehyde present in base emulsion viewed as possible cancer hazard.				
Chemical	CAS	ACGIH	IARC	NTP	OSHA
Titanium Dioxide	13463-67-7		Group 2B		X
Carbon Black	1333-86-4	A3	Group 2 B		X
IARC (International Agency for Research on Cancer) Group 2B – Possibly Carcinogenic to Humans					
OSHA (Occupational Safety and Health Administration of the US Department of Labor) X – Present					
Target Organ Effects	Acute: Eyes and skin Chronic: Skin				
Numerical Measures of Toxicity Not determined					

Section 12: Ecological Information			
Ecotoxicity <i>PRACTICES SHOULD BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION. Product not tested for aquatic or animal toxicity. Release of product to terrestrial, atmospheric & aquatic environments should be avoided.</i>			
Chemical	Algae/Aquatic Plants	Fish	Crustacea

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Ammonium Hydroxide 7664-41-7	Pimephales promelas LC50 (static) 5.9 mg/L, 96 h	Daphnia magna LC50 25.4 mg/L, 48 h
	Poecilia reticulata LC50 (static) 1.19 mg/L, 96 h	
	Pimephales promelas LC50 0.73-2.35 mg/L, 96 g	
	Cyprinus carpio LC50 0.44 mg/L, 96 h	
	Lepomis macrochirus LC50 0.26-4.6 mg/L, 96 h	
	Lepomis macrochirus LC50 (flow-through)-1.17 mg/L, 96 h	
	Poecilia reticulata LC50 1.5 mg/L, 96 h	
Carbon Black 1333-86-4		Daphnia magna EC50 5,600 mg/L, 24 h
Petroleum Hydrocarbon 64742-48-9	Pimephales promelas LC50 2,200 mg/L, 96 h	Chaetogammarus marinus LC50 2.6 mg/L, 96 h
Persistence and Degradability:	Not tested for persistence and biodegradability	
Bioaccumulation	Not tested for bio-accumulation potential	
Mobility	Not tested for mobility in soil	
Chemical	Partition Coefficient	
Ammonium Hydroxide 7664-41-7	-1.14	
Other Adverse Effects	Environmental Exposure Controls: Should be maintained so as to prevent release to the environment (atmospheric release, release to waterways and spills).	
Ozone	Not expected to produce any ozone depletion	

Section 13: Disposal Considerations	
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.
US EPA Waste Number	Not applicable

Section 14: Transport Information
DOT Not regulated
IATA Not regulated

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IMDG

Not regulated

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

Section 15: Regulatory Information

International Inventories

TSCA	Listed
DSL	Listed
NDSL	Listed

US Federal Regulations

CERCLA

Chemical	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ammonium Hydroxide 7664-41-7	100 lb	100 lb	RQ 100 lb final RQ RQ 45.4 kg final RQ

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

Chemical	CAS	Weight (%)	SARA 313 Threshold Values (%)
Ammonium Hydroxide	7664-41-7	<0.25	1.0

CWA (Clean Water Act)

Chemical	CWA – Reportable Quantities	CWA – Toxic Pollutants	CWA – Priority Pollutants	CWA – Hazardous Substances
Ammonium Hydroxide 7664-41-7 (<0.25)	100 lb			X

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

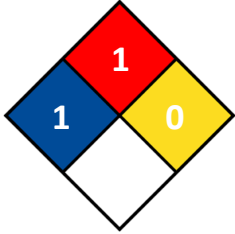
Chemical	California Proposition 65
Titanium Dioxide	Carcinogen

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13463-67-7			
Carbon Black 1333-86-4	Carcinogen		
US State Right-to-Know Regulations			
Chemical	New Jersey	Massachusetts	Pennsylvania
Calcium Carbonate 1317-65-3	X	X	X
Titanium Dioxide 13463-67-7	X	X	X
Ammonium Hydroxide 7664-41-7	X	X	X
Carbon Black 1333-86-4	X	X	X

Section 16: Other Information							
Issue Date:	6-26-2015						
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NFPA Ratings:							
Health:	1						
Fire:	1						
Reactivity:	0						
							
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe							
HMIS III:							
<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="background-color: blue; color: white; padding: 5px;">HEALTH</td> <td style="padding: 5px; text-align: center;">1</td> </tr> <tr> <td style="background-color: red; color: white; padding: 5px;">FLAMMABILITY</td> <td style="padding: 5px; text-align: center;">1</td> </tr> <tr> <td style="background-color: yellow; padding: 5px;">PHYSICAL HAZARD</td> <td style="padding: 5px; text-align: center;">0</td> </tr> </table>	HEALTH	1	FLAMMABILITY	1	PHYSICAL HAZARD	0	
HEALTH	1						
FLAMMABILITY	1						
PHYSICAL HAZARD	0						
0 = Not Significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic							
Key/Legend:							
<p>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</p>							

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(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