SAFETY DATA SHEET

ASI Compound 70

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 Compound 70
Recommended Use:	Lubricant (not for medical purposes)
Restrictions on Use:	None known

Section 2: Hazard(s) Identification

Classification: Not a hazardous

Labeling:
Symbol: None
Signal Word: None
Hazard Statements: Not Hazardous

Precautionary Statements:
Use personal protective equipment as required. Wear safety glasses and gloves.
Avoid contact with eyes.
Non flammable or combustible, but may burn if involved in a fire

Section 3: Composition/Information on Ingredients

CAS	Component	Percent
63148-62-9	Dimethyl siloxanes and silicones	80-100

Impurities: No information provided by manufacturer

* Designates that a specific chemical identification and/or percentage of composition has been withheld as a trade secret

Section 4: First-Aid Measures

Eye Contact:	Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention. Obtain medical attention.
Skin Contact:	Wash affected area with soap and water. If signs/symptoms persist, get medical attention. No need for first aid is anticipated.
Inhalation:	If signs/symptoms develop, remove person to fresh air. If signs/symptoms persist, get medical attention.
Ingestion:	If swallowed, do not induce vomiting. If irritation or discomfort occurs, obtain medical assistance.

Section 5: Fire-Fighting Measures

Autoignition Temperature:	**> 300°C**
Flash Point:	**> 300°C**
Flammable Limits (LEL)	**Not determined**
Flammable Limits (UEL)	**Not determined**
Suitable Extinguishing Media:	On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical, or water spray. Water can be used to cool fire exposed containers.
Unsuitable Extinguishing Media:	None
Specific Hazards in Case of fire:	Decomposes on heating and can release formaldehyde. Avoid reaction with oxidizers.
Special Protective Equipment and Precautions for Firefighters:	No acute hazard. Move container from fire area, if possible. Avoid breathing vapors or dusts. Keep upwind. Use full firefighting gear (bunker gear). Any supplied-air respirator with full face piece and operated in a pressure-demand or other positive pressure mode in combination with a separate escape air supply. Use any self contained breathing apparatus with a full face piece. Alert fire brigade and indicate hazard location. Wear breathing apparatus plus protective clothing. Cool fire exposed containers with water spray from a protected location. Do not approach containers suspected to be hot. If safe to do so, remove containers from path of fire.

Section 6: Accidental Release Measures

Personal Precautions:	Use appropriate personal protection. (See Section 8)
Environment Precautions:	For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Collect the resulting residue containing solution. Place in a metal container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.
Methods and Materials for Containment and Cleaning Up:	Observe precautions from other sections. Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Clean up residue with an appropriate solvent. Seal the container.

Section 7: Handling and Storage

Precautions for Safe Handling:	Avoid contact with skin, inhalation of mist, or ingestion. See section 8 for personal protection equipment. Practice good personal hygiene to prevent accidental ingestion after handling. Properly dispose of clothing that cannot be decontaminated.
Conditions for Safe Storage, including any Incompatibilities:	Store away from oxidizing materials. Store product in a closed container located in a dry area. Do not store in open, inadequate, or mislabeled packaging. Check that the containers are clearly labeled. Use metal cans, metal drums, plastic, or lined fiber containers. Keep away from heat and flame.

Section 8: Exposure Controls/Personal Protection

Control Parameters:	Under most handling conditions, this product will not generate mist or dust.
Engineering Controls:	In most conditions, no special local ventilation is needed. General ventilation recommended. If the product is heated above 150 °C or atomized ventilation should be used.
Personal Protective Equipment (PPE):	
Eyes:	Safety glasses recommended.
Skin:	Impermeable gloves should be worn. Product is compatible with most elastomers.
Inhalation:	No respiratory protection required under most conditions. If concentrations exceed exposure limits, approved respiratory equipment must be used.

Section 9: Physical and Chemical Properties

Physical State:	Solid. Liquid may separate from product.
Color:	Off white, translucent
Odor:	Mild
Odor Threshold:	Not available
pH Value:	Not applicable
Melting Point:	Decomposes
Freezing Point:	Becomes very stiff with decreasing temperature around -60°C
Initial Boiling Point:	>200 ℃
Flash Point:	>300 ℃ COC (Base oil)
Evaporation Rate:	Not available
Flammability (solid, gas):	Not applicable
Explosion Limits:	Not available
Vapor Pressure:	Negligible at 20°C
Vapor Density:	Not available
Solubility:	Insoluble in water at 20°C
Partition Coefficient:	Not available
Auto Ignition Temperature:	Not available
Decomposition Temperature:	Begins to decompose at 150°C

Section 10: Stability and Reactivity

Chemical Stability:	Stable under ambient temperatures and pressures.
Possibility of Hazardous Reactions:	May react with air under very high pressure. Otherwise not react or polymerize.
Conditions to Avoid:	No specific conditions to avoid have been identified.
Materials to Avoid:	Oxidizers
Hazardous Decomposition Products:	Decomposes on heating and produces formaldehyde, silicon dioxide, and incompletely burned carbon compounds.

Section 11: Toxicological Information

(a) Acute toxicity	Not toxic	LD_{50} (rat) > 10,000 mg/kg (dimethyl silicone)
(b) Skin corrosion/irritation	Not irritating/not corrosive to the skin	LD_{50} (rabbit) > 2,000 mg/kg (dimethyl silicone)
(c) Serious eye damage/irritation	Possible irritant/not corrosive to the eyes	
(d) Respiratory or skin sensitization	Not sensitizing to the skin	
(e) germ-cell mutagenicity	Not a carcinogen	

(g) reproductive toxicity	There are currently no reliable scientific data available indicating adverse effects on reproduction or fertility
(h) aspiration hazard	Not applicable (not an aerosol/mist)

Section 12: Ecological Information

Toxicity:

Invertebrates:	*Daphnia magna*	45h-LC_{50} > 10,000 mg/L (dimethyl silicone)
Invertebrates:	*Daphnia magna*	24h-LC_{50} > 10,000 mg/L (amorphous silica)
Fish:	*Brachydanio rerio*	96h-LC_{50} > 10,000 mg/L (amorphous silica)

Persistence and Degradability: In soil, siloxanes are degraded.

Bioaccumulative Potential: Not expected to bioaccumulate.

Mobility in Soil: Siloxanes are removed from water by sedimentation or binding to sewage sludge. Silica is not mobile.

Section 13: Disposal Considerations

Waste Treatment Methods: Waste (substance and container material) shall be recycled/recovered or disposed of as applicable and in accordance with community (EU) and local legislation. Recycle wherever possible. Consult state land waste management authority for disposal. Bury at an approved site. Recycle containers if possible, or dispose of in an authorized landfill.

According to the European Waste Catalogue: Waste Codes are not product specific but application specific. Waste Codes should be assigned by the user based on the application in which the product is used.

For USA Disposal: Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

Section 14: Transport Information

Class or Type:

US DOT, IMO, ADR, RID, AND, IMDG and IATA Non-hazardous

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the mixture:

Other Information:

U.S. Regulatory Information

TSCA Inventory Status:	All ingredients listed or exempt
TSCA 12 (b) Export Notification:	Not listed
CERCLA Section 103 (40 CFR 302.4):	N
SARA Section 302 (40 CFR 355.30):	N
SARA Section 304 (40 CFR 355.40):	N
SARA Section 313 (40 CFR 372.65):	N
OSHA Process Safety (29 CFR 1910.119):	N

SARA Hazard Categories, SARA Sections 311/312 (40 CFR 370.21) -

Acute Hazard:	N
Chronic Hazard:	N
Fire Hazard:	N
Reactivity Hazard:	N
Sudden Release Hazard:	N

State Regulations: California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

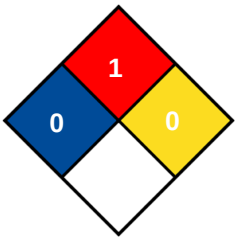
Note – There are no known safety, health or environmental

Chemical Inventories:

DSL (Canada)	All ingredients listed or exempt
EINECS (European Union)	All ingredients listed or exempt
ENCS/ISHL (Japan)	All ingredients listed or exempt
IECSC (Peoples Republic of China)	All ingredients listed or exempt
TSCA (United States of America)	All ingredients listed or exempt

Section 16: Other Information

Issue Date:	07/14/2015
Revision Date:	02/04/2021
Revision:	3
NFPA Ratings:	
Health:	0
Fire:	1
Reactivity:	0



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

HMIS III:

HEALTH	0
FLAMMABILITY	1
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)

Disclaimer:

The information contained herein is based on data considered accurate which has been obtained from other companies and organizations.

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