

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : ASI 5900- Grey, White, Natural

#### 1.2. Recommended use and restrictions on use

No additional information available

#### 1.3. Supplier

American Sealants, Inc.  
9190 Yeager Ln  
Fort Wayne, Indiana 46809, 46809  
USA  
T 260-489-0728 - F 260-489-0519

#### 1.4. Emergency telephone number

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

### SECTION 2: Hazard identification


#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Skin sensitization, Category 1	H317	May cause an allergic skin reaction
Reproductive toxicity Category 1B	H360	May damage fertility or the unborn child
Full text of H statements : see section 16		

#### 2.2. GHS Label elements, including precautionary statements

##### GHS CA labeling

Hazard pictograms (GHS CA) :  

Signal word (GHS CA) : Danger

Hazard statements (GHS CA) : H317 - May cause an allergic skin reaction  
H360 - May damage fertility or the unborn child

Precautionary statements (GHS CA) : P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P308+P313 - IF exposed or concerned: Get medical advice/attention.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS CA)

No additional information available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Titanium oxide (TiO <sub>2</sub> )	Titanium dioxide	CAS-No.: 13463-67-7	1 – 5	Carc. 2, H351
Proprietary*	Confidential	CAS-No.: CBI	1 – 5	Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapor), H332 Skin Sens. 1, H317
Proprietary*	Confidential	CAS-No.: CBI	< 1	Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335
Proprietary*	Confidential	CAS-No.: CBI	< 1	Repr. 1B, H360 STOT RE 1, H372

\*Chemical name, CAS number and/or exact concentration have been withheld as CBI

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.
First-aid measures general	: IF exposed or concerned: Get medical advice/attention.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact : May cause an allergic skin reaction.

### 4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2. Unsuitable extinguishing media

No additional information available

#### 5.3. Specific hazards arising from the hazardous product

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

#### 6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

Hygiene measures : Separate working clothes from town clothes. Launder separately. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

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### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Wear suitable gloves resistant to chemical penetration. Neoprene or nitrile rubber gloves. Butyl-rubber protective gloves. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Refer to manufacturer's information. Gloves must be replaced after each use and whenever signs of wear or perforation appear

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

#### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Paste.
Color	: According to product specification
Odor	: odorless
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 95 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available

### 9.2. Other information

No additional information available

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### SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	: No additional information available

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Proprietary	
LD50 oral rat	2295 mg/kg body weight (EPA OPPTS 870.1100: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2000 mg/kg body weight (EPA OPPTS 870.1200: Acute Dermal Toxicity, 24 h, Rabbit, Male / female, Experimental value, Dermal)
LC50 Inhalation - Rat	1.49 – 2.44 mg/l air (EPA OPPTS 870.1300: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 14 day(s))
ATE CA (oral)	2295 mg/kg body weight
ATE CA (vapors)	1.49 mg/l/4h
ATE CA (dust,mist)	1.49 mg/l/4h

Proprietary	
LD50 oral rat	1864 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 2000 mg/kg
ATE CA (oral)	1864 mg/kg body weight

#### Titanium oxide (TiO<sub>2</sub>) (13463-67-7)

LD50 oral rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 oral	5000 mg/kg
LC50 Inhalation - Rat	> 5.09 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male, Experimental value, Inhalation (dust), 14 day(s))
LC50 Inhalation - Rat (Dust/Mist)	> 3.43 mg/l Source: ECHA
ATE CA (oral)	5000 mg/kg body weight

Proprietary	
LD50 oral rat	6899 – 7012 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))

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Proprietary	
LD50 oral	7120 mg/kg
LD50 dermal rabbit	3158 – 3760 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
LD50 dermal	3259 mg/kg
LC50 Inhalation - Rat	16.8 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))
LC50 Inhalation - Rat (Vapours)	16.81 mg/l/4h
ATE CA (oral)	6899 mg/kg body weight
ATE CA (Dermal)	3158 mg/kg body weight
ATE CA (Gases)	4500 ppmV/4h
ATE CA (vapors)	16.8 mg/l/4h
ATE CA (dust,mist)	1.5 mg/l/4h

Skin corrosion/irritation : Not classified

Proprietary	
pH	10.2 (1 %)

Proprietary	
pH	No data available in the literature

Titanium oxide (TiO <sub>2</sub> ) (13463-67-7)	
pH	7 (aqueous suspension, 10 %)

Serious eye damage/irritation : Not classified

Proprietary	
pH	10.2 (1 %)

Proprietary	
pH	No data available in the literature

Titanium oxide (TiO <sub>2</sub> ) (13463-67-7)	
pH	7 (aqueous suspension, 10 %)

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified.

Titanium oxide (TiO <sub>2</sub> ) (13463-67-7)	
Additional information	*Not a respirable hazard as contained in this liquid mixture
IARC group	2B - Possibly carcinogenic to humans

Reproductive toxicity : May damage fertility or the unborn child.

STOT-single exposure : Not classified

Proprietary	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified

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Proprietary	
NOAEL (oral,rat,90 days)	≥ 500 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEL (dermal,rat/rabbit,90 days)	≥ 1545 mg/kg body weight Animal: rat
Proprietary	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Proprietary	
NOAEL (oral,rat,90 days)	62.5 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Aspiration hazard	: Not classified
Proprietary	
Viscosity, kinematic	3.1 mm <sup>2</sup> /s (20 °C, Calculated)
Animal studies and expert judgment for classification	False
Proprietary	
Viscosity, kinematic	No data available in the literature
Animal studies and expert judgment for classification	False
Titanium oxide (TiO <sub>2</sub> ) (13463-67-7)	
Viscosity, kinematic	Not applicable (solid)
Animal studies and expert judgment for classification	False
Proprietary	
Viscosity, kinematic	0.7 mm <sup>2</sup> /s (20 °C)
Animal studies and expert judgment for classification	False
Symptoms/effects after skin contact	: May cause an allergic skin reaction.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

Proprietary	
LC50 - Fish [1]	597 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	81 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	8.8 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Selenastrum capricornutum, Static system, Fresh water, Experimental value, GLP)
EC50 72h - Algae [1]	126 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

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Proprietary	
EC50 72h - Algae [2]	352 mg/l Test organisms (species): <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )
Proprietary	
LC50 - Fish [1]	> 2 mg/l Source: ECHA
EC50 - Crustacea [1]	0.004 mg/l Source: ECHA
EC50 72h - Algae [1]	> 2 mg/l Source: ECHA
Titanium oxide (TiO <sub>2</sub> ) (13463-67-7)	
LC50 - Fish [1]	> 1000 mg/l (Pisces, Fresh water)
EC50 - Crustacea [1]	> 1000 mg/l (Invertebrata, Fresh water)
EC50 72h - Algae [1]	> 100 mg/l (OECD 201: Alga, Growth Inhibition Test, <i>Pseudokirchneriella subcapitata</i> , Static system, Fresh water, Experimental value, Growth rate)
Proprietary	
LC50 - Fish [1]	191 mg/l (96 h, <i>Oncorhynchus mykiss</i> , Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	168.7 mg/l (EU Method C.2, 48 h, <i>Daphnia magna</i> , Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	> 89 mg/l (72 h, <i>Pseudokirchneriella subcapitata</i> , Static system, Fresh water, Experimental value, GLP)
EC50 72h - Algae [1]	> 957 mg/l Test organisms (species): <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )
NOEC (chronic)	28.1 mg/l Test organisms (species): <i>Daphnia magna</i> Duration: '21 d'
NOEC chronic algae	10 mg/l
LOEC (chronic)	52.4 mg/l Test organisms (species): <i>Daphnia magna</i> Duration: '21 d'
12.2. Persistence and degradability	
Proprietary	
Not rapidly degradable	
Persistence and degradability	Not readily biodegradable in water.
Proprietary	
Not rapidly degradable	
Persistence and degradability	Not readily biodegradable in water.
Titanium oxide (TiO <sub>2</sub> ) (13463-67-7)	
Not rapidly degradable	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)
Proprietary	
Not rapidly degradable	



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Proprietary	
Persistence and degradability	Not readily biodegradable in water.

### 12.3. Bioaccumulative potential

Proprietary	
Bioaccumulative potential	Not bioaccumulative.
Partition coefficient n-octanol/water (Log Pow)	-0.3 (QSAR, 20 °C)

Proprietary	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
BCF - Other aquatic organisms [1]	100 l/kg (BCFBAF v3.01, Estimated value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	0.29 (Estimated value, KOWWIN)

Titanium oxide (TiO <sub>2</sub> ) (13463-67-7)	
Bioaccumulative potential	Not bioaccumulative.

Proprietary	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Partition coefficient n-octanol/water (Log Pow)	1.1 (QSAR, KOWWIN, 20 °C)

### 12.4. Mobility in soil

Proprietary	
Surface tension	No data available in the literature
Ecology - soil	Low potential for mobility in soil.
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.477 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

Proprietary	
Surface tension	33.05 mN/m (20 °C, 92 %, OECD 115: Surface Tension of Aqueous Solutions)
Ecology - soil	Low potential for mobility in soil.
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.942 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

Titanium oxide (TiO <sub>2</sub> ) (13463-67-7)	
Surface tension	No data available in the literature
Ecology - soil	Low potential for mobility in soil.

Proprietary	
Surface tension	No data available in the literature
Ecology - soil	Low potential for adsorption in soil.
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.811 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

### 12.5. Other adverse effects

Ozone : Not classified

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### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

#### 14.1. UN number

Not regulated for transport

#### 14.2. UN proper shipping name

Proper Shipping Name (TDG) : Not applicable  
Proper Shipping Name (DOT) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable

#### 14.3. Transport hazard class(es)

**TDG**  
Transport hazard class(es) (TDG) : Not applicable

**DOT**  
Transport hazard class(es) (DOT) : Not applicable

**IMDG**  
Transport hazard class(es) (IMDG) : Not applicable

**IATA**  
Transport hazard class(es) (IATA) : Not applicable

#### 14.4. Packing group

Packing group (TDG) : Not applicable  
Packing group (DOT) : Not applicable  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable

#### 14.5. Environmental hazards

Other information : No supplementary information available.

#### 14.6. Special precautions for user

**TDG**  
No data available

**DOT**  
No data available

**IMDG**  
No data available

**IATA**  
No data available

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### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. National regulations

#### Proprietary

Listed on the Canadian DSL (Domestic Substances List)

#### Proprietary

Listed on the Canadian DSL (Domestic Substances List)

#### Titanium oxide (TiO<sub>2</sub>) (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

#### Proprietary

Listed on the Canadian DSL (Domestic Substances List)

### 15.2. International regulations

#### Proprietary

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

#### Proprietary

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

#### Titanium oxide (TiO<sub>2</sub>) (13463-67-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active  
Listed on INSQ (Mexican National Inventory of Chemical Substances)

#### Proprietary

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

## SECTION 16: Other information

Issue date : 09-12-2023

Revision date : 09-13-2023

Supersedes : 09-13-2023

### Full text of H-phrases:

H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H332	Harmful if inhaled

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Full text of H-phrases:	
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H360	May damage fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure

Safety Data Sheet (SDS), Canada

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.