

# Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Revision: August 26, 2020

## 1 Identification

- **Product identifier**
- **Trade name:** AIS-919 Latex Sealant
- **Other means of identification:** AIS-919 Acoustical and Insulation Sealant
- **Recommended use and restriction on use**
- **Recommended use:** Acrylic Latex Sealant
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
Pecora Corporation  
165 Wambold Road  
Harleysville, PA 19438  
215-723-6051
- **Emergency telephone number:**  
CHEMTREC  
1-800-424-9300 (US/Canada)



## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
The product is not classified as hazardous according to the Globally Harmonized System (GHS).
- **Label elements**
- **GHS label elements:** Not regulated.
- **Hazard pictograms:** Not regulated.
- **Signal word:** Not regulated.
- **Hazard statements:** Not regulated.
- **Precautionary statements:** Not regulated.
- **Other hazards:** There are no other hazards not otherwise classified that have been identified.

## 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures

- **Components:**

1317-65-3	Limestone		40-60%
13463-67-7	Titanium dioxide		<3%
64741-65-7	Naphtha (petroleum), heavy alkylate	 Flam. Liq. 3, H226  Asp. Tox. 1, H304	<3%
57-55-6	Propylene glycol		<3%
14808-60-7	Quartz		<1%

- **Additional information:**

Non-classification as a carcinogen is based on non-inhalable form of product. IARC listings for quartz and titanium dioxide note that the substance must be respirable.

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.

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### 4 First-aid measures

- **Description of first aid measures**
- **After inhalation:**  
Respiration of particulates is unlikely during normal usage.  
Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Wash with soap and water.  
Seek medical treatment in case of complaints.
- **After eye contact:**  
Remove contact lenses if worn.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Do not induce vomiting; immediately call for medical help.
- **Most important symptoms and effects, both acute and delayed:**  
Gastric or intestinal disorders when ingested.
- **Indication of any immediate medical attention and special treatment needed:**  
No relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
Foam  
Carbon dioxide  
Fire-extinguishing powder  
Water fog / haze
- **For safety reasons unsuitable extinguishing agents:** Water stream.
- **Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation.  
Use personal protective equipment as required.
- **Environmental precautions** Avoid release to the environment.
- **Methods and material for containment and cleaning up**  
Towel or mop up material and collect in a suitable container.  
For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

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## 7 Handling and storage

- **Handling**
- **Precautions for safe handling:**  
Open and handle receptacle with care.  
Keep out of reach of children.  
Avoid contact with the eyes and skin.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:**  
Store in cool, dry conditions in well sealed receptacles.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Specific end use(s)** No relevant information available.

## 8 Exposure controls/personal protection

- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**

### 1317-65-3 Limestone

PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	TLV withdrawn

### 13463-67-7 Titanium dioxide

PEL (USA)	Long-term value: 15* mg/m <sup>3</sup> *total dust
REL (USA)	See Pocket Guide App. A
TLV (USA)	Long-term value: 10 mg/m <sup>3</sup>
EL (Canada)	Long-term value: 10* 3** mg/m <sup>3</sup> *total dust; **respirable fraction; IARC 2B
EV (Canada)	Long-term value: 10 mg/m <sup>3</sup> total dust
LMPE (Mexico)	Long-term value: 10 mg/m <sup>3</sup> A4

### 57-55-6 Propylene glycol

WEEL (USA)	Long-term value: 10 mg/m <sup>3</sup>
EV (Canada)	Long-term value: 155* 10** mg/m <sup>3</sup> , 50* ppm *vapour and aerosol; **aerosol only

### 14808-60-7 Quartz

PEL (USA)	Long-term value: 0.05* mg/m <sup>3</sup> *resp. dust; 30mg/m <sup>3</sup> /%SiO <sub>2</sub> +2
REL (USA)	Long-term value: 0.05* mg/m <sup>3</sup> *respirable dust; See Pocket Guide App. A
TLV (USA)	Long-term value: 0.025* mg/m <sup>3</sup>

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EL (Canada)	*as respirable fraction Long-term value: 0.025 mg/m <sup>3</sup> ACGIH A2; IARC 1
EV (Canada)	Long-term value: 0.10* mg/m <sup>3</sup> *respirable fraction
LMPE (Mexico)	Long-term value: 0.025* mg/m <sup>3</sup> A2, *fracción respirable

· **Exposure controls**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.  
Keep away from foodstuffs, beverages and feed.  
Avoid contact with the eyes and skin.  
Avoid breathing mist, vapors, or spray.

· **Engineering controls:** No relevant information available.

· **Breathing equipment:**

Not required under normal conditions of use.  
Use suitable respiratory protective device in case of insufficient ventilation.  
A NIOSH approved dust respirator should be used for operations generating dust.

· **Protection of hands:**

Wear protective gloves to handle contents of damaged or leaking units.  
Gloves are advised for repeated or prolonged contact.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Eye protection:** Follow relevant national guidelines concerning the use of protective eyewear.

· **Body protection:** Protective work clothing

· **Limitation and supervision of exposure into the environment** No special requirements.

· **Risk management measures** No special requirements.

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **Appearance:**

**Form:** Paste  
**Color:** According to product specification

· **Odor:** Mild  
Acrylic

· **Odor threshold:** Not determined.

· **pH-value:** 7.0-7.5

· **Melting point/Melting range:** Not determined.

· **Boiling point/Boiling range:** Not determined.

· **Flash point:** >140 °C (>284 °F)

· **Flammability (solid, gaseous):** Not applicable.

· **Auto-ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

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· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Oxidizing properties:</b>	Non-oxidizing.
· <b>Vapor pressure:</b>	Not determined.
· <b>Density:</b>	
<b>Relative density:</b>	2.25
<b>Vapor density:</b>	Not determined.
<b>Evaporation rate:</b>	Not determined.
· <b>Solubility in / Miscibility with Water:</b>	Not determined.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>VOC content:</b>	<25 g/L
· <b>Other information</b>	No relevant information available.

### 10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions**  
Reacts with strong alkali.  
Reacts with strong oxidizing agents.  
Reacts with strong acids.
- **Conditions to avoid** Excessive heat.
- **Incompatible materials** Oxidizers, strong bases, strong acids
- **Hazardous decomposition products**  
Under fire conditions only:  
Carbon monoxide and carbon dioxide

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:** None.
- **Primary irritant effect:**
- **On the skin:** Based on available data, the classification criteria are not met.
- **On the eye:** Based on available data, the classification criteria are not met.

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- **Sensitization:** Based on available data, the classification criteria are not met.
- **IARC (International Agency for Research on Cancer):**  
Reference to chemical component(s) listed below are based on unbound respirable particles and are not generally applicable to product as supplied.

13463-67-7	Titanium dioxide	2B
14808-60-7	Quartz	1

· **NTP (National Toxicology Program):**

14808-60-7	Quartz
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· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

· **Probable route(s) of exposure:**

- Ingestion.
- Eye contact.
- Skin contact.

- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:**

Contains known or suspect carcinogens when inhaled. Product is in non-inhalable form and is nonclassifiable as a carcinogen.

- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity** No relevant information available.
- **Persistence and degradability** No relevant information available.
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No relevant information available.
- **Other adverse effects** No relevant information available.

## 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

Smaller quantities can be disposed of with household waste.  
Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· **Uncleaned packagings**

- **Recommendation:** Disposal must be made according to official regulations.

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## 14 Transport information

- **UN-Number**
- DOT, ADR/RID/ADN, IMDG, IATA Not regulated.
- **UN proper shipping name**
- DOT, ADR/RID/ADN, IMDG, IATA Not regulated.
- **Transport hazard class(es)**
- DOT, ADR/RID/ADN, IMDG, IATA
- Class Not regulated.
- **Packing group**
- DOT, ADR/RID/ADN, IMDG, IATA Not regulated.
- **Environmental hazards**
- Marine pollutant: No
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- United States (USA)
- SARA

· **Section 302 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

· **TSCA (Toxic Substances Control Act)**

All ingredients are listed or exempt.

· **Proposition 65 (California)**

· **Chemicals known to cause cancer:**

Reference to chemical component(s) listed below are based on unbound respirable particles and are not generally applicable to product as supplied.

13463-67-7	Titanium dioxide
12174-11-7	Attapulгите (Palygorskite)
14808-60-7	Quartz

· **Chemicals known to cause developmental toxicity for females:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity for males:**

None of the ingredients are listed.

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· **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

· **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

· **IARC (International Agency for Research on Cancer):**

Reference to titanium dioxide is based on unbound respirable particles and is not applicable to the product as supplied.

Reference to chemical component(s) listed below are based on unbound respirable particles and are not generally applicable to product as supplied.

13463-67-7	Titanium dioxide	2B
14808-60-7	Quartz	1

· **Canadian Domestic Substances List (DSL):**

All ingredients are listed or exempt.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

OSHA: Occupational Safety & Health Administration

Flam. Liq. 3: Flammable liquids – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

· **Sources**

Website, European Chemicals Agency ([echa.europa.eu](http://echa.europa.eu))

Website, US EPA Substance Registry Services ([ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do](http://ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do))

Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org))

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaassen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

SDS Prepared by:

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Tampa, Florida USA 33602-2902

Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573

Website: [www.chemtel.com](http://www.chemtel.com)



## Pecora Test Report

### ASTM C1184 Standard Specification for Structural Silicone Sealants

#### Tensile Adhesion Properties of Structural Sealants

Test Method: ASTM C1135

Test Date: 11/2018

Sealant tested: 895NST-012 Black  
Cleaning Solution: Isopropyl Alcohol  
Cure Period: 21 days

Substrate: Anodized Aluminum  
Cure Conditions: 75°F / 50%RH  
Test Conditions: 5000hrs @ 75°F / 50%RH

Specimen #	Comments	Tensile Load/Stress at Elongation				Ultimate Tensile Load/Stress, psi	Ultimate Elongation, %	Cohesive Failure, %	Length, in.	Edge Bite, in.	Actual Area, in. <sup>2</sup>
		10%	25%	50%	100%						
1	None	14.0	62.2	86.6	96.7	108.2	184.9	100.0	1.0	0.5	1.0
2	None	10.9	60.1	85.5	95.2	102.9	160.5	100.0	1.0	0.5	1.0
3	None	16.5	63.9	88.1	98.0	116.7	215.9	100.0	1.0	0.5	1.0
<b>Average</b>		<b>13.8</b>	<b>62.1</b>	<b>86.7</b>	<b>96.6</b>	<b>109.3</b>	<b>187.1</b>	<b>100.0</b>			

Sealant tested: 895NST-012 Black  
Cleaning Solution: Isopropyl Alcohol  
Cure Period: 21 days

Substrate: Anodized Aluminum  
Cure Conditions: 75°F / 50%RH  
Test Conditions: 5000hrs Weathering (QUV Exposure)

Specimen #	Comments	Tensile Load/Stress at Elongation				Ultimate Tensile Load/Stress, psi	Ultimate Elongation, %	Cohesive Failure, %	Length, in.	Edge Bite, in.	Actual Area, in. <sup>2</sup>
		10%	25%	50%	100%						
1	None	15.3	60.0	81.8	91.0	109.4	213.1	100.0	1.0	0.5	1.0
2	None	16.6	59.5	81.6	91.0	114.9	233.1	100.0	1.0	0.5	1.0
3	None	14.1	60.1	81.0	90.3	112.6	230.1	100.0	1.0	0.5	1.0
<b>Average</b>		<b>15.3</b>	<b>59.9</b>	<b>81.5</b>	<b>90.8</b>	<b>112.3</b>	<b>225.4</b>	<b>100.0</b>			



**Pecora Test Report cont.**  
**ASTM C1184 Standard Specification for Structural Silicone Sealants**

Property	Requirement	Result	Test Method
<b>Rheological, max.</b>			C639
Vertical	3/16"	0"	
Horizontal	No deformation	None	
<b>Extrudability, max</b>	10s	8s	C603
<b>Hardness, Shore A</b>	20 – 60	30	C661
<b>Heat Aging</b>			C792
Weight loss, max	10%	7.5%	
Cracking	None	None	
Chalking	None	None	
<b>Tack Free Time, max.</b>	No transfer in 3hr.	30 minutes	C679
<b>Shelf Life, min.</b>	6 months	12 months	C1184
<b>Color</b>	As specified	Black	C1184

*Note: Pecora R&D, QC and Technical Service laboratories perform processes under guidelines set forth under ASTM C1021, Standard Practice for Laboratories Engaged in Testing of Building Sealants, and meet all listed qualifications to perform the test methods reported above.*



## STANDARD COLOR GUIDE

Custom colors available upon request.

Color Packs for Standard and Non- Standard Colors are sold in 5 unit increments.

This guide offers a representation of color; when matching is critical, a cured or applied color sample is highly recommended.

### PECORA CORPORATION

165 Wambold Road  
Harleysville, PA 19438

800.523.6688

pecora.com

### Dynatrol™ II | Dynaflex | Dynatred™

2-PART URETHANE

BRITE WHITE	CF26	TAN	545
TRU-WHITE	345	BUFF	512
OFF-WHITE	516	COLONIAL TAN	CF13
DOVER SKY	CF14	MOCHA CREAM	CF34
ANODIZED ALUMINUM	804	TOASTED ALMOND	CF54
BRUSHED PEWTER	CF42	NATURAL STONE	565
ALUMINUM STONE	515	DESERT TAN	530
STONE GREY	CF53	ADOBE ACCENT	CF10
LONDON FOG	CF44	REDWOOD TAN	CF43
DARK GRAY	048	BRICK RED	CF16
LIMESTONE	039	TILE RED	CF22
PUTTY GREY	CF20	RED ROCK	955
PEARL ASH	CF11	RIVER ROUGE	CF37
VAN DYKE	CF18	SIERRA TAN	CF47
NATURAL WHITE	CF33	ROSE	CF05
SANDSTONE	951	TEXAS PINK	CF48
DESERT SUN	CF41	SMOKY BROWN	CF45
EGGSHELL CREAM	CF04	BRONZE	314
MANOR WHITE	CF08	CHARCOAL GRAY	950
PRECAST	113	CHOCOLATE	CF49
AMARILLO WHITE	CF02	CLASSIC BRONZE	046
ALMOND	792	GRANITE GREY	CF30
BEIGE	595	BLACK	012
PRAIRIE CLAY	CF07	PATRIOT BLUE	CF01
SANDALWOOD BEIGE	CF09	EVERGREEN	CF03
BEIGE GREY	525		

## STANDARD COLOR GUIDE

Custom colors available upon request.

**Minimum order quantity for non-standard colors:**  
200 Gallons

This guide offers a representation of color; when matching is critical, a cured or applied color sample is highly recommended.

### PECORA CORPORATION

165 Wambold Road  
Harleysville, PA 19438

800.523.6688

pecora.com

## PECORA SECURITY SYSTEMS

### Dynaflex SC

SILYL TERMINATED POLYURETHANE (STPU)

TRU-WHITE

345

LIMESTONE

039

### Dynapoxy™ EP-1200

2-Part Epoxy

### Dynatrol™ II

2-Part Urethane

### Dynaflex

2-Part Urethane

Dynapoxy™ EP-1200, Dynatrol™ II, and Dynaflex can be used with the 51 standard colors represented on the reverse side of this card. Custom colors available upon request.

### COVERAGE CHART (231 cu. in./gal.)

Joint Depth (in.) x Width (in.)	Linear Feet/ Gallon	Joint Depth (in.) x Width (in.)	Linear Feet/ Gallon	Joint Depth (in.) x Width (in.)	Linear Feet/ Gallon
1/8 x 1/8	1,232.0	1/4 x 3/4	102.7	1/2 x 7/8	44.0
1/8 x 1/4	616.0	1/4 x 7/8	88.0	1/2 x 1	38.5
1/8 x 3/8	410.7	1/4 x 1	77.0	5/8 x 5/8	49.3
1/8 x 1/2	308.0	3/8 x 3/8	136.9	5/8 x 3/4	41.1
1/8 x 5/8	246.4	3/8 x 1/2	102.7	5/8 x 7/8	35.2
1/8 x 3/4	205.3	3/8 x 5/8	82.1	5/8 x 1	30.8
1/8 x 7/8	176.0	3/8 x 3/4	68.4	3/4 x 3/4	34.2
1/8 x 1	154.0	3/8 x 7/8	58.7	3/4 x 7/8	29.3
1/4 x 1/4	308.0	3/8 x 1	51.3	3/4 x 1	25.7
1/4 x 3/8	205.0	1/2 x 1/2	77.0	7/8 x 7/8	25.1
1/4 x 1/2	154.0	1/2 x 5/8	61.6	7/8 x 1	22.0
1/4 x 5/8	123.2	1/2 x 3/4	51.3	1 x 1	19.3

Joint Depth (in.) x Width (in.) x Length (in.) x 0.053 = Gallons Required