



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

**Issue date** 04-Jun-2026

**Revision date** 04-Jun-2026

**Version** 1.0

## 1. Identification

### 1.1. Identification

**Product form** : Mixture

**Product name** : Acrylic Mastic

**Product code** : A595

### 1.2. Recommended use and restrictions on use

**Use of the substance/mixture** : Roof restoration and repair

**Restrictions on use** : Industrial use

### 1.3. Supplier

#### Supplier

Innovative Polymer Systems

4117 Capital Drive

New Albany, IN 47150 - USA

T (812) 776-6251

sprayips.com

### 1.4. Emergency telephone number

**Emergency number** : CHEMTREC 1-800-424-9300

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

#### GHS classification

Skin Sens. 1

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

#### GHS labelling

#### Hazard pictograms (GHS)



**Signal word (GHS)** : Warning

**Hazard statements (GHS)** : May cause an allergic skin reaction.

**Precautionary statements (GHS)** : Avoid breathing dust/fume/gas/mist/vapours/spray.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin: Wash with plenty of water.

Wash contaminated clothing before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

**2.3. Other hazards which do not result in classification**

No additional information available

**2.4. Unknown acute toxicity**

Not applicable

**3. Composition/information on ingredients****3.1. Substances**

Not applicable

**3.2. Mixtures**

| Chemical name                   | Synonyms                                                                                                                                                                                     | Product identifier  | %         |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------|
| Calcium carbonate               | C.I. Pigment White 18 / Calcium carbonate / Pigment White 18 / C.I. 77220 / Carbonic acid, calcium salt / CALCIUM CARBONATE / CI 77220 / calcium carbonate                                   | CAS-No.: 471-34-1   | 10 - 30   |
| Cellulose, 2-hydroxyethyl ether | Hydroxyethyl cellulose / Hydroxyethylcellulose / 2-Hydroxyethyl cellulose / HYDROXYETHYLCELLULOSE / Cellosize hydroxyethyl cellulose / Ethyl cellulose resin / Cellulose, hydroxyethyl ether | CAS-No.: 9004-62-0  | 0.5 - 1.5 |
| Titanium Dioxide                | C.I. 77891 / C.I. Pigment White 6 / Titanium oxide (TiO <sub>2</sub> ) / CI 77891 / Titanium(IV) oxide / C.I. Pigment White 7 / Pigment White 6 / Titanium oxide                             | CAS-No.: 13463-67-7 | 0.5 - 1.5 |
| 1,2-Benzisothiazol-3(2H)-one    | BENZISOTHIAZOLINONE / Benzisothiazolin-3-one, 1,2- / 1,2-Benzisothiazol-3-one / 1,2-Benzisothiazolone / Benzisothiazolinone / 1,2-Benzisothiazolin-3-one / benzisothiazolinone               | CAS-No.: 2634-33-5  | <0.1      |

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

**4. First-aid measures****4.1. Description of first aid measures****First-aid measures after inhalation** : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.**First-aid measures after skin contact** : IF ON SKIN: Wash with plenty of Water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.**First-aid measures after eye contact** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.**First-aid measures after ingestion** : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.**4.2. Most important symptoms and effects (acute and delayed)****Symptoms/effects after inhalation** : May cause irritation to the respiratory tract.**Symptoms/effects after skin contact** : May cause skin irritation. Repeated exposure may cause skin dryness or cracking. May cause an allergic skin reaction.**Symptoms/effects after eye contact** : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.**Symptoms/effects after ingestion** : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.**4.3. Immediate medical attention and special treatment, if necessary**

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**5. Fire-fighting measures****5.1. Suitable (and unsuitable) extinguishing media****Suitable extinguishing media** : Use extinguishing media appropriate for surrounding fire.**Unsuitable extinguishing media** : Do not use water jet.**5.2. Specific hazards arising from the chemical****Fire hazard** : Products of combustion may include, and are not limited to: oxides of carbon. Calcium oxide.**5.3. Special protective equipment and precautions for fire-fighters**

**Protection during firefighting** : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## 6. Accidental release measures

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

**General measures** : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

**For containment** : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.

**Methods for cleaning up** : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

### 6.4. Reference to other sections

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

## 7. Handling and storage

### 7.1. Precautions for safe handling

**Precautions for safe handling** : Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

**Hygiene measures** : Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace. Always wash hands after handling the product.

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

**Storage conditions** : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

#### AcryTite A595

No additional information available

#### Calcium carbonate (471-34-1)

##### USA - NIOSH - Occupational Exposure Limits

|               |                                                                            |
|---------------|----------------------------------------------------------------------------|
| NIOSH REL TWA | 10 mg/m <sup>3</sup> (total dust)<br>5 mg/m <sup>3</sup> (respirable dust) |
|---------------|----------------------------------------------------------------------------|

#### Cellulose, 2-hydroxyethyl ether (9004-62-0)

No additional information available

#### Titanium Dioxide (13463-67-7)

|                                            |                                                                                                                                    |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| USA - ACGIH - Occupational Exposure Limits |                                                                                                                                    |
| Local name                                 | Titanium dioxide                                                                                                                   |
| ACGIH OEL TWA                              | 0.2 mg/m <sup>3</sup> (nanoscale respirable particulate matter)<br>2.5 mg/m <sup>3</sup> (finescale respirable particulate matter) |
| Remark (ACGIH)                             | TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen)                                                        |
| ACGIH chemical category                    | Confirmed Animal Carcinogen with Unknown Relevance to Humans                                                                       |
| Regulatory reference                       | ACGIH 2020                                                                                                                         |
| USA - OSHA - Occupational Exposure Limits  |                                                                                                                                    |
| Local name                                 | Titanium dioxide (Total dust)                                                                                                      |

|                                            |                                                                                                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| OSHA PEL TWA                               | 15 mg/m <sup>3</sup> (total dust)                                                                               |
| Regulatory reference (US-OSHA)             | OSHA Annotated Table Z-1                                                                                        |
| USA - IDLH - Occupational Exposure Limits  |                                                                                                                 |
| IDLH                                       | 5000 mg/m <sup>3</sup>                                                                                          |
| USA - NIOSH - Occupational Exposure Limits |                                                                                                                 |
| NIOSH REL TWA                              | 2.4 mg/m <sup>3</sup> (CIB 63-fine)<br>0.3 mg/m <sup>3</sup> (CIB 63-ultrafine, including engineered nanoscale) |

**1,2-Benzisothiazol-3(2H)-one (2634-33-5)**

No additional information available

**8.2. Appropriate engineering controls**

**Appropriate engineering controls** : Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.

**Environmental exposure controls** : Avoid release to the environment.

**8.3. Individual protection measures/Personal protective equipment****Hand protection:**

Wear suitable gloves resistant to chemical penetration. Consult glove manufacturer's product information on material suitability and material thickness.

**Eye protection:**

Safety glasses or goggles are recommended when using product.

**Skin and body protection:**

Wear suitable protective clothing

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

**Other information:**

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

## 9. Physical and chemical properties

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

| Property                                   | Value                                      |
|--------------------------------------------|--------------------------------------------|
| Physical state                             | Liquid                                     |
| Appearance                                 | No data available                          |
| Colour                                     | No data available                          |
| Odour                                      | No data available                          |
| Odour threshold                            | No data available                          |
| pH                                         | 10                                         |
| Melting point                              | No data available                          |
| Freezing point                             | No data available                          |
| Boiling point                              | 212 °F (100 °C)                            |
| Flash point                                | > 212 °F (>100 °C)                         |
| Relative evaporation rate (butylacetate=1) | No data available                          |
| Flammability                               | Not flammable.                             |
| Vapour pressure                            | No data available                          |
| Relative vapour density at 20°C / 68 °F    | No data available                          |
| Relative density                           | No data available                          |
| Solubility                                 | No data available                          |
| Partition coefficient n-octanol/water      | No data available                          |
| Auto-ignition temperature                  | No data available                          |
| Decomposition temperature                  | No data available                          |
| Viscosity, kinematic                       | 150000 mm <sup>2</sup> /s @ 104 °F (40 °C) |

| Property             | Value             |
|----------------------|-------------------|
| Viscosity, dynamic   | No data available |
| Explosive limits     | No data available |
| Explosive properties | No data available |
| Oxidising properties | No data available |

## 9.2. Other information

No additional information available

## 10. Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Heat. Incompatible materials.

### 10.5. Incompatible materials

Strong oxidizers. Strong acids.

### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Calcium oxide.

## 11. Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity (oral)** : Not classified.

**Acute toxicity (dermal)** : Not classified.

**Acute toxicity (inhalation)** : Not classified.

#### Calcium carbonate (471-34-1)

**LD50 oral rat** 6450 mg/kg (Source: NLM\_CIP)

**LD50 dermal rat** > 2000 mg/kg (Source: ECHA\_API)

**LC50 inhalation rat** > 3 mg/l air. Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)

**ATE CA (oral)** 6450 mg/kg bodyweight

#### Titanium Dioxide (13463-67-7)

**LD50 oral rat** > 5000 mg/kg bodyweight. Animal: rat, Animal sex: female, Guideline: OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity)

**LC50 inhalation rat** 5.09 mg/l/4h

**ATE CA (vapours)** 5.09 mg/l/4h

**ATE CA (dust,mist)** 5.09 mg/l/4h

#### 1,2-Benzisothiazol-3(2H)-one (2634-33-5)

**LD50 oral rat** 1020 mg/kg (Source: NZ\_CCID)

**LD50 dermal rat** > 2000 mg/kg bodyweight. Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

**ATE CA (oral)** 1020 mg/kg bodyweight

**Skin corrosion/irritation** : Not classified. pH: 10

**Serious eye damage/irritation** : Not classified. pH: 10

**Respiratory or skin sensitisation** : May cause an allergic skin reaction.

**Germ cell mutagenicity** : Not classified.

**Carcinogenicity** : Not classified.

**Reproductive toxicity** : Not classified.

#### 1,2-Benzisothiazol-3(2H)-one (2634-33-5)

**NOAEL (animal/female, F0/P)** 112 mg/kg bodyweight. Animal: rat, Animal sex: female, Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects)

**NOAEL (animal/female, F1)** 56.6 mg/kg bodyweight. Animal: rat, Animal sex: female, Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects)

**STOT-single exposure** : Not classified.

**Cellulose, 2-hydroxyethyl ether (9004-62-0)**

**STOT-single exposure** May cause respiratory irritation.

**STOT-repeated exposure** : Not classified.

**Calcium carbonate (471-34-1)**

**NOAEL (oral, rat, 90 days)** 1000 mg/kg bodyweight. Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

**NOAEC (inhalation, rat, dust/mist/fume, 90 days)**  $\geq 0.212$  mg/l air. Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)

**Aspiration hazard** : Not classified.

**AcryTite A595**

**Viscosity, kinematic** 150000 mm<sup>2</sup>/s @ 104 °F (40 °C)

**Symptoms/effects after inhalation** : May cause irritation to the respiratory tract.

**Symptoms/effects after skin contact** : May cause skin irritation. Repeated exposure may cause skin dryness or cracking. May cause an allergic skin reaction.

**Symptoms/effects after eye contact** : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

**Symptoms/effects after ingestion** : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Other information** : Likely routes of exposure: ingestion, inhalation, skin and eye.

## 12. Ecological information

### 12.1. Toxicity

**Ecology - general** : May cause long-term adverse effects in the aquatic environment.

**Titanium Dioxide (13463-67-7)**

**LC50 - Fish [1]** 155 mg/l. Test organisms (species): other:Japanese Medaka

**EC50 - Crustacea [1]** 19.3 mg/l. Test organisms (species): Daphnia magna

**EC50 - Other aquatic organisms [1]**  $> 100$  mg/l. Test organisms (species):

**EC50 - Crustacea [2]** 27.8 mg/l. Test organisms (species): Daphnia magna

**LOEC (chronic)** 5 mg/l. Test organisms (species): Daphnia magna Duration: '21 d'

**NOEC (chronic)**  $\geq 2.92$  mg/l. Test organisms (species): Daphnia magna Duration: '21 d'

**1,2-Benzisothiazol-3(2H)-one (2634-33-5)**

**LC50 - Fish [1]**  $\approx 16.7$  mg/l. Test organisms (species): Cyprinodon variegatus

**EC50 - Crustacea [1]** 2.94 mg/l. Test organisms (species): Daphnia magna

**LC50 - Fish [2]** 2.15 mg/l. Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)

**EC50 - Crustacea [2]** 2.9 mg/l. Test organisms (species): Daphnia magna

### 12.2. Persistence and degradability

**AcryTite A595**

**Persistence and degradability** Not established.

### 12.3. Bioaccumulative potential

**AcryTite A595**

**Bioaccumulative potential** Not established.

**Calcium carbonate (471-34-1)**

**BCF - Fish [1]** (no bioaccumulation)

**1,2-Benzisothiazol-3(2H)-one (2634-33-5)**

**Partition coefficient n-octanol/water** 0.99 (at 20 °C (at pH 5))

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

**Other information** : No other effects known.

## 13. Disposal considerations

### 13.1. Disposal methods

**Product/Packaging disposal recommendations** : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## 14. Transport information

### In accordance with DOT / TDG

#### 14.1. UN number

**UN-No.(DOT)** : Not applicable

**UN-No. (TDG)** : Not applicable

#### 14.2. UN proper shipping name

**Proper Shipping Name (DOT)** : Not applicable

**Proper Shipping Name (TDG)** : Not applicable

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

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

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

#### 14.4. Packing group

**Packing group (DOT)** : Not applicable

**Packing group (TDG)** : Not applicable

#### 14.5. Environmental hazards

**Other information** : No supplementary information available.

#### 14.6. Special precautions for user

**Special transport precautions** : Do not handle until all safety precautions have been read and understood.

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

Not applicable

## 15. Regulatory information

### 15.1 Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

Silica, amorphous, precipitated and gel CAS-No. 112926-00-8

Silica, amorphous, fumed, crystalline-free CAS-No. 112945-52-5

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

2-Propenoic acid CAS-No. 79-10-7 0.0001 – 0.001%

Isopropyl alcohol CAS-No. 67-63-0 < 1%

Diethanolamine CAS-No. 111-42-2 < 1%

#### Ammonium hydroxide (1336-21-6)

**CERCLA RQ** 1000 lb

#### 2-Propenoic acid (79-10-7)

Listed on EPA Hazardous Air Pollutant (HAPS)

**CERCLA RQ** 5000 lb

#### Diethanolamine (111-42-2)

Listed on EPA Hazardous Air Pollutant (HAPS)

**CERCLA RQ** 100 lb

### 15.2. International regulations

No additional information available

### 15.3. US State regulations

**WARNING:** This product can expose you to Diethanolamine, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

| Component                                             | State or local regulations                                                                                                                                                                                                   |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Titanium Dioxide (13463-67-7)                         | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List                                                                        |
| oxydipropanol (25265-71-8)                            | U.S. - Pennsylvania - RTK (Right to Know) List                                                                                                                                                                               |
| 1,2-Propanediol (57-55-6)                             | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List                                                                                                                   |
| Ammonium hydroxide (1336-21-6)                        | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List |
| Carbonic acid, magnesium salt (1:1) (546-93-0)        | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Massachusetts - Right To Know List                                                                                                                        |
| 2-Propenoic acid (79-10-7)                            | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List |
| Silica, amorphous, precipitated and gel (112926-00-8) | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List                                                                        |
| Ethanedial (107-22-2)                                 | U.S. - New Jersey - Right to Know Hazardous Substance List                                                                                                                                                                   |
| Limestone (1317-65-3)                                 | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List                                                                        |
| Isopropyl alcohol (67-63-0)                           | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List |
| Diethanolamine (111-42-2)                             | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List |

## 16. Other information

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

**Revision date** : 04-Jun-2026

**Other information** : None.

### Full text of hazard classes and H-statements

|              |                                |
|--------------|--------------------------------|
| Skin Sens. 1 | Skin sensitisation, Category 1 |
|--------------|--------------------------------|

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