

Safety Data Sheet

PS-209 Elastomeric Sealant

Section 1. Identification

Product Identifier PS-209 Elastomeric Sealant

Recommended use Refer to Technical Data

Uses advised against Refer to Technical Data

Supplier Contact Siplast
Address 1000 Rochelle Blvd.
Irving, TX 75062

www.siplast.com

Phone
(800) 922-8800

Emergency Phone
CHEMTREC
(800) 424-9300 (Domestic - N. America)
(703) 527-3887 (International)

Section 2. Hazards Identification

Classification EYE DAMAGE/IRRITATION - Category 2A
SENSITIZATION - SKIN - Category 1

Signal Word Warning

Pictogram



Hazard Statements Causes serious eye irritation
May cause an allergic skin reaction

Precautionary Statements

| | |
|------------|---|
| Response | If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If medical advice is needed, have product container or label at hand. If on skin: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. |
| Prevention | Avoid breathing dust/fume/gas/mist/ vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wash hands thoroughly after handling. Wear eye protection/face protection. Wear protective gloves. |
| Storage | N/A |
| Disposal | Dispose of contents/container in accordance with local/regional/national /international regulations |

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

Other hazards None known

Section 3. Ingredients

| CAS | Ingredient Name | Weight % |
|------------|---|-----------|
| 1317-65-3 | Calcium carbonate | 50% - 55% |
| NA1 | Silyl Terminated Polyether | 20% - 25% |
| 26761-40-0 | Diisodecyl phthalate | 12% - 16% |
| 13463-67-7 | Titanium Dioxide | 1% - 5% |
| 64742-46-7 | Distillates (petroleum), hydrotreated middle | 1% - 5% |
| 1760-24-3 | N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane | < 1 % |
| 22673-19-4 | Dibutyltin Diacetyldiacetate | < 1 % |
| 2768-02-7 | Vinyltrimethoxysilane | < 1 % |
| 3864-99-1 | Phenol, 2-(5-chloro-2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)- | < 1 % |
| 41556-26-7 | bis(1,2,2,6,6-penta-methyl-4-piperidiny) sebacate | < 1 % |

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

| | |
|------------|--|
| Inhalation | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| Skin | IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. |

| | |
|--|--|
| | Specific treatment (see label). |
| Eyes | 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. |
| Ingestion | If a large amount is swallowed, get medical attention. |
| Indication of any immediate medical attention and special treatment needed | Treat symptomatically and supportively. |
| Most Important Symptoms/Effects | Acute: Causes serious eye irritation. Delayed: May cause allergic skin reaction. |

Section 5. Fire Fighting Measures

| | |
|---|---|
| Suitable Extinguishing Media | Use carbon dioxide, regular dry chemical, regular foam or water. |
| Unsuitable Extinguishing Media | None known |
| Special Hazards Arising from the Chemical | None known. |
| Hazardous Combustion Products | Oxides of carbon, carbon monoxide, oxides of calcium |
| Special Protective Equipment and Precautions for Firefighters | Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. Dike for later disposal. |
| Fire Fighting Measures | Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure. |

Section 6. Accidental Release Measures

| | |
|---|---|
| Personal Precautions, Protective Equipment and Emergency Procedures | Wear personal protective clothing and equipment, see Section 8. Avoid contact with skin and eyes. Wash contaminated clothing before reuse. |
| Methods and Materials for Containment and Cleaning Up | Keep unnecessary people away, isolate hazard area and deny entry. Only personnel trained for the hazards of this material should perform clean up and disposal. |
| Environmental Precautions | Collect spilled material using mechanical equipment. Keep out of water supplies and sewers. |

Section 7. Handling and Storage

| | |
|--|--|
| Precautions for Safe Handling | Avoid contact with skin and eyes. Provide adequate ventilation. Wash thoroughly after handling. Use recommended personal protective equipment. |
| Conditions for Safe Storage, Including any Incompatibilities | None needed according to classification criteria Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store in a cool dry place. Keep away from incompatible materials. |

Section 8. Exposure Controls/Personal Protection

| Occupational Exposure Limits | Ingredient Name | ACGIH TLV | OSHA PEL | STEL |
|---|---|---------------|--|----------|
| | Calcium carbonate | N/A | TWA: 15 mg/m3 total dust TWA: 5 mg/m3 respirable fraction | N/A |
| | Silyl Terminated Polyether | N/A | N/A | N/A |
| | Diisodecyl phthalate | N/A | N/A | N/A |
| | Titanium Dioxide | TWA: 10 mg/m3 | TWA: 15 mg/m3 total dust | N/A |
| | Distillates (petroleum), hydrotreated middle | 5 mg/m3 | 5 mg/m3 | 10 mg/m3 |
| | N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane | N/A | N/A | N/A |
| | Dibutyltin Diacetyldiacetate | N/A | N/A | N/A |
| | Vinyltrimethoxysilane | N/A | N/A | N/A |
| | Phenol, 2-(5-chloro-2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)- | N/A | N/A | N/A |
| | bis(1,2,2,6,6-penta-methyl-4-piperidinyl) sebacate | N/A | N/A | N/A |
| <p>Personal Protective Equipment</p> <p>Biological limit value</p> <p>Engineering Controls</p> <p>Individual Protection Measures, such as Personal Protective Equipment</p> | <p>Goggles, Gloves</p> <p>There are no biological limit values for any of this product's components.</p> <p>Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.</p> <p>Eye/face protection Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.</p> <p>Skin Protection Wear appropriate chemical resistant clothing.</p> <p>Respiratory Protection A NIOSH approved air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits.</p> <p>Glove Recommendations Wear appropriate chemical resistant gloves.</p> | | | |

Section 9. Physical and Chemical Properties

| | |
|---------------------------------------|------------------------|
| Physical State | Paste |
| Color | Refer to product label |
| Odor | Typical |
| Odor Threshold | Not available |
| Solubility | Insoluble in water |
| Partition coefficient Water/n-octanol | Not available |
| VOC% | 10 g/L |
| Viscosity | Not available |
| Specific Gravity | 1.55 |
| Density lbs/Gal | N/A |
| Pounds per Cubic Foot | N/A |
| Flash Point | 200C |
| FP Method | N/A |
| pH | Not available |
| Melting Point | Not available |
| Boiling Point | Not available |
| Boiling Range | N/A |
| LEL | N/A |
| UEL | N/A |
| Evaporation Rate | Not available |
| Flammability | Not available |
| Decomposition Temperature | Not available |
| Auto-ignition Temperature | Not available |
| Vapor Pressure | Not available |
| Vapor Density | Not available |

Note The above information is not intended for use in preparing product specifications. Contact Soudal Accumetric before writing specifications.

Section 10. Stability and Reactivity

| | |
|------------------------------------|---|
| Reactivity | No hazard expected. |
| Chemical Stability | Stable under normal conditions of use. |
| Possibility of Hazardous Reactions | No hazard expected. |
| Conditions to Avoid | Avoid contact with incompatible materials. |
| Incompatible Materials | Oxidizing materials, bases, combustible materials, strong acids, strong bases |
| Hazardous Combustion Products | Oxides of carbon, carbon monoxide, oxides of calcium |

Section 11. Toxicological Information

Information on Likely
Routes of Exposure

Inhalation: No information on significant adverse effects.
Skin Contact: May cause allergic skin reaction.
Eye Contact: Causes serious eye irritation.
Ingestion: No information on significant adverse effects.

Component Analysis -
LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Diisodecyl phthalate (26761-40-0)

Oral LD50Rat 64 g/kg

Dermal LD50Rabbit >3160 mg/kg

Inhalation LC50Rat >12.54 mg/L 4 h

Titanium dioxide(inbound in mixture) (13463-67-7)

Oral LD50Rat >10000 mg/kg

Distillates (petroleum), hydrotreated middle (64742-46-7)

Oral LD50Rat 7400 mg/kg

Dermal LD50Rabbit >2000 mg/kg

Inhalation LC50Rat 4.6 mg/L 4 h

Bis(2,2,6,6-tetramethyl-4-piperidyl)-sebacate (52829-07-9)

Inhalation LC50Rat 500 mg/m³ 4 h

Acute and Chronic Toxicity

Immediate Effects

Causes serious eye irritation.

Delayed Effects

May cause allergic skin reaction.

Irritation/Corrosivity Data

Causes serious eye irritation.

Respiratory Sensitization

No data available.

Dermal Sensitization

May cause allergic skin reaction.

Germ Cell Mutagenicity

No data available.

Reproductive Toxicity

No data available.

Specific Target Organ Toxicity - Single Exposure

No information on significant adverse effects.

Specific Target Organ Toxicity - Repeated Exposure

No information on significant adverse effects.

Aspiration hazard

No data available.

Component
Carcinogenicity

Medical Conditions Aggravated by Exposure
eye disorders, skin disorders
Diisodecyl phthalate (26761-40-0)
DFG: Category 3B (could be carcinogenic for man)

Titanium dioxide(inbound in mixture) (13463-67-7)
ACGIH: A4 - Not Classifiable as a Human Carcinogen
IARC: Monograph 93 [2010]; Monograph 47 [1989](Group 2B (possibly carcinogenic to humans))
DFG: Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra small particles)
OSHA: Present

Section 12. Ecological Information

Component Analysis -
Aquatic Toxicity

Diisodecyl phthalate (26761-40-0)
Fish:
LC50 96 h Lepomis macrochirus >0.55 mg/L [static]
LC50 96 h Pimephales promelas >1 mg/L [flow-through]

Algae:
EC50 72 h Desmodesmus subspicatus >500 mg/L IUCLID
EC50 96 h Pseudokirchneriella subcapitata >0.8 mg/L [static] EPA

Invertebrate:
EC50 48 h Daphnia magna >0.02 mg/L [static] EPA

Distillates (petroleum), hydrotreated middle (64742-46-7)
Fish:
LC50 96 h Pimephales promelas 35 mg/L [flow-through]
LC50 96 h Pimephales promelas >10000 mg/L [static]

Section 13. Disposal

Disposal Methods

Dispose of contents/container in accordance with local/regional/national /international regulations.

Section 14. Transport Information

UN Number N/A
UN Proper Shipping Name Not regulated
DOT Classification Not regulated
Packing Group Not regulated

Section 15. Regulatory Information

U.S. Federal Regulations None of this products components are listed under SARA Sections 302/304 (40

CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA Section 311/312 (40 CFR 370 Subparts B and C)

Acute Health: Yes

Chronic Health: No

Fire: No

Pressure: No

Reactivity: No

U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Ground Limestone (1317-65-3)

MA, MN, NJ, PA

Titanium dioxide(inbound in mixture) (13463-67-7)

MA, MN, NJ, PA

Canada

WHMIS Ingredient Disclosure List (IDL)

The components of this product are either not listed on the IDL or are present below the threshold limit listed on the IDL.

WHMIS Classification

D2B

California Prop 65

Black

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer, and Diisodecyl phthalate, which is known to the State of California to cause birth defects and/or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

White and Other Colors

WARNING: This product can expose you to chemicals including Titanium Dioxide, which is known to the State of California to cause cancer, and Diisodecyl phthalate, which is known to the State of California to cause birth defects and/or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

Trace Impurity

Crystalline Silica (CAS 14808-60-7) - Cancer

Methanol (CAS 67-56-1) - Developmental Toxicity

Section 16. Other Information

Revision Date

6/7/2018

Disclaimer

The data contained herein is based upon information that Siplast believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.