

# 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 14911 Quorum Drive, Ste. 600  
Dallas, TX 75254  
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 Diacetyldiacetonate	< 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 firefighting 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/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> 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/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust	N/A
Distillates (petroleum), hydrotreated middle	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
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

### Personal Protective Equipment

Goggles, Gloves

### Biological limit value

There are no biological limit values for any of this product's components.

### Engineering Controls

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

### Individual Protection Measures, such as Personal Protective Equipment

#### Eye/face protection

Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

#### Skin Protection

Wear appropriate chemical resistant clothing.

#### 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.

#### Glove Recommendations

Wear appropriate chemical resistant gloves.

## Section 9. Physical and Chemical Properties



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/m<sup>3</sup> 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](http://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](http://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

9/14/2022

#### 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.