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
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
None known

Section 3. Ingredients

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

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

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium carbonate</td>
<td>N/A</td>
<td>TWA: 15 mg/m³ total dust ( &lt;BR&gt; TWA: 5 mg/m³ respirable fraction )</td>
<td>N/A</td>
</tr>
<tr>
<td>Silyl Terminated Polyether</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Diisodecyl phthalate</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>N/A</td>
<td>TWA: 10 mg/m³ total dust</td>
<td>N/A</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated middle</td>
<td>5 mg/m³</td>
<td>5 mg/m³</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Dibutyltin Diacetyldiacetonate</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Vinyltrimethoxysilane</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Phenol, 2-(5-chloro-2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)-bis(1,2,2,6,6-penta-methyl-4-piperidinyl) sebacate</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

## 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.

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**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 LD50: Rat 64 g/kg
- Dermal LD50: Rabbit >3160 mg/kg
- Inhalation LC50: Rat >12.54 mg/L 4 h

**Titanium dioxide (inbound in mixture) (13463-67-7)**
- Oral LD50: Rat >10000 mg/kg

**Distillates (petroleum), hydrotreated middle (64742-46-7)**
- Oral LD50: Rat 7400 mg/kg
- Dermal LD50: Rabbit >2000 mg/kg
- Inhalation LC50: Rat 4.6 mg/L 4 h

**Bis(2,2,6,6-tetramethyl-4-piperidyl)-sebacate (52829-07-9)**
- Inhalation LC50: Rat 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.
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
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.