SAFETY DATA SHEET
ECOSEAL Plus™

1. Identification

Product identifier

Product name: ECOSEAL Plus™
Product number: KI_DP_721
Manufacturer/Supplier Trade name: Not applicable.
Manufacturer/Supplier Article number: Not applicable.
Revision date: 02/22/2017

Recommended use of the chemical and restrictions on use

Application: Gasket-Forming Water-Borne Latex Sealant

Details of the supplier of the safety data sheet

Supplier
Knauf Insulation, Inc.
One Knauf Drive
Shelbyville
IN 46176-1496
www.knaufinsulation.us
sds@knaufinsulation.com
Tel: 800 825 4434

Manufacturer
Polymer Adhesives Sealant Systems, Inc.
501 Garrett Morris Parkway
Mineral Wells, TX 76067
Tel: 888-721-7325
Fax: 888-921-7325
www.polymeradhesives.com

Region: United States, Central & South America

Emergency telephone number

Emergency telephone: 24hrs: Chemtrec Tel: 800 424 9300
### 2. Hazard(s) identification

**Classification of the substance or mixture**

<table>
<thead>
<tr>
<th>OSHA Regulatory Status</th>
<th>The product is not classified.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical hazards</strong></td>
<td>Not Classified</td>
</tr>
<tr>
<td><strong>Health hazards</strong></td>
<td>Not Classified</td>
</tr>
<tr>
<td><strong>Environmental hazards</strong></td>
<td>Not Classified</td>
</tr>
</tbody>
</table>

**Label elements**

<table>
<thead>
<tr>
<th><strong>Hazard statements</strong></th>
<th>NC Not Classified</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Precautionary statements</strong></td>
<td>P101 If medical advice is needed, have product container or label at hand. P103 Read label before use.</td>
</tr>
</tbody>
</table>

**Other Non-GHS Classification**

**NFPA/HMIS:**

0=Minimal Hazard; 1=Slight Hazard; 2=Moderate Hazard; 3=Serious Hazard; 4=Severe Hazard.

**Other hazards**

None.

### 3. Composition/information on ingredients

**Mixtures**

<table>
<thead>
<tr>
<th>Gasket-Forming Water-Borne Latex Sealant</th>
<th>100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: —</td>
<td></td>
</tr>
</tbody>
</table>

**Classification**

Not Classified

The full text for all hazard statements is displayed in Section 16.

**Ingredient notes**

None of the components are classified under GHS regulations.
4. First-aid measures

Description of first aid measures

Inhalation
Seek medical assistance if cough or other symptoms appear.

Ingestion
Rinse mouth thoroughly with water. Do not induce vomiting. Seek medical attention if irritation, discomfort, or vomiting persists.

Skin Contact
Rinse/flush exposed skin gently using soap and water for 15-20 minutes.

Eye contact
Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

Most important symptoms and effects, both acute and delayed

General information
None known.

Indication of immediate medical attention and special treatment needed

General information
If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media
Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

Unsuitable extinguishing media
None known.

Special hazards arising from the substance or mixture

General information
None known.

Advice for firefighters

Special protective equipment for firefighters
Avoid contact with skin, eyes and clothing. Wear protective eyewear, gloves, and clothing. Refer to Section 8. Use NIOSH-approved respiratory protection/breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions
Ensure adequate ventilation. Ensure that air-handling systems are operational.

Environmental precautions

Environmental precautions
Prevent from reaching drains, sewer, or waterway.

Methods and material for containment and cleaning up

Methods for cleaning up
Wear protective eyewear, gloves, and clothing. Refer to Section 8. Always obey local disposal regulations. For waste disposal, see Section 13.

Reference to other sections
For personal protection, see Section 8. For waste disposal, see Section 13.
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7. Handling and storage

Precautions for safe handling

Usage precautions
Avoid contact with skin, eyes and clothing. Good personal hygiene procedures should be implemented. Refer to section 8. Follow proper disposal methods. For waste disposal, see Section 13. Do not eat, drink, smoke, or use personal products when handling chemical substances.

Conditions for safe storage, including any incompatibilities

Storage precautions
Keep in a cool place. Keep away from food and drink. Protect from freezing and physical damage. Provide ventilation for containers. Keep container tightly closed.

Specific end use(s)

Gasket-Forming Water-Borne Latex Sealant

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits
No applicable occupational exposure limits.

Exposure controls

Appropriate engineering controls
Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Eye/face protection
Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses or goggles are appropriate eye protection.

Other skin and body protection
Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Hygiene measures
Perform routine housekeeping. Wash after use and before eating, smoking and using the toilet. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Avoid contact with skin, eyes and clothing.

Respiratory protection
Not required under normal conditions of use.
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9. Physical and Chemical Properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Blue Phthalo Paste</td>
</tr>
<tr>
<td>Odor</td>
<td>Sweet latex odor - wet, no odor - dry</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not determined.</td>
</tr>
<tr>
<td>pH</td>
<td>8.0 - 9.5</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>212°F</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>&lt; 1.0</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.55 - 0.085 g/l</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Partially soluble in water.</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Kinematic: Not determined. Dynamic: 150,000 - 350,000 cps</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

Reactivity Non-reactive under normal conditions

Stability Stable in normal conditions of use.

Possibility of hazardous reactions None in normal conditions of use.

Conditions to avoid None known.

Materials to avoid Avoid contact with strong acids, oxidizing agents, peroxides, and perchlorates

Hazardous decomposition products Thermal degradation can generate Carbon oxides, Nitrogen oxides, Phosphorous oxides, Sulfur oxides, Hydrochloric acid, Chloride gas, Hydrogen Bromide, irritating gases and vapors.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) No information available.
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**Acute toxicity - dermal**
Notes (dermal LD₅₀) No information available.

**Acute toxicity - inhalation**
Notes (inhalation LC₅₀) No information available.

**Skin corrosion/irritation**
Skin corrosion/irritation No information available.

**Serious eye damage/irritation**
Serious eye damage/irritation No information available.

**Respiratory sensitization**
Respiratory sensitization No information available.

**Skin sensitization**
Skin sensitization No information available.

**Germ cell mutagenicity**
Genotoxicity - in vitro No information available.
Genotoxicity - in vivo No information available.

**Carcinogenicity**
Carcinogenicity Substance: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Substance: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**
Reproductive toxicity - fertility No information available.
Reproductive toxicity - development No information available.

**Specific target organ toxicity - single exposure**
STOT - single exposure No information available.

**Specific target organ toxicity - repeated exposure**
STOT - repeated exposure No information available.

**Aspiration hazard**
Aspiration hazard No information available.

**Medical Symptoms** None known.

12. Ecological Information

**Toxicity** None known.

**Persistence and degradability**
Persistence and degradability Not known.

**Bioaccumulative potential**
Bio-Accumulative Potential Not known.

Partition coefficient Not determined.
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Mobility in soil

Mobility: Not known.

Other adverse effects

Other adverse effects: None known.

13. Disposal considerations

Waste treatment methods

Disposal methods: Dispose of empty containers as unused product. Product or containers must not be disposed with household garbage. This product in its manufactured form is not considered a RCRA hazardous waste as per USEPA criteria (40 CFR 262.11.) Other applicable State, Provincial and Local regulatory criteria may designate a specified characterization and should be considered prior to product treatment or disposal.

14. Transport information

General: The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

UN Number

Not applicable.

UN proper shipping name

Not applicable.

Transport hazard class(es)

No transport warning sign required.

Packing group

Not applicable.

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

Not applicable.

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

Not applicable.

15. Regulatory information

US Federal Regulations

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

Not listed.

SARA 313 Emission Reporting

Not listed.

SARA (311/312) Hazard Categories

Not listed.

US State Regulations
ECOSEAL Plus™

California Proposition 65 Carcinogens and Reproductive Toxins
Not listed.

Inventories
US - TSCA
All the ingredients are listed or exempt.

16. Other information

<table>
<thead>
<tr>
<th>Abbreviations and acronyms used in the safety data sheet</th>
<th>CAS: Chemical Abstracts Service.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>IARC: International Agency for Research on Cancer.</td>
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<tr>
<td></td>
<td>IATA: International Air Transport Association.</td>
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<td></td>
<td>IMDG: International Maritime Dangerous Goods.</td>
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<tr>
<td></td>
<td>NIOSH: The National Institute for Occupational Safety and Health.</td>
</tr>
<tr>
<td></td>
<td>OSHA: Occupational Safety and Health Administration.</td>
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<tr>
<td></td>
<td>PBT: Persistent, Bioaccumulative and Toxic substance.</td>
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<tr>
<td></td>
<td>SARA: Superfund Amendments and Reauthorization Act.</td>
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<tr>
<td></td>
<td>TSCA: Toxic Substances Control Act.</td>
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<tr>
<td></td>
<td>USEPA: United States Environmental Protection Agency.</td>
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<tr>
<td></td>
<td>vPvB: Very Persistent and Very Bioaccumulative.</td>
</tr>
</tbody>
</table>

General information
This product Safety Data Sheet (SDS) has been constructed based on PolymerAdhesives Sealant Systems INC. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use.

Further information can be obtained from:
www.knaufinsulation.com

Revision comments 1 [USA]
Revision date 2/22/2017
Revision 2.1
Supersedes date 9/27/2016
SDS No. 4601

This Safety Data Sheet / Product Data Sheet does not constitute a workplace assessment. Information contained in this document represents the state of our knowledge regarding this product as of the date of issue of the document. Attention of users is drawn to possible risks taken when the product is used for other applications than the ones it has been designed for.