



SAFETY DATA SHEET ECOSEAL Plus™

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

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

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2. Hazard(s) identification

Classification of the substance or mixture

OSHA Regulatory Status The product is not classified.

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

Label elements

Hazard statements NC Not Classified

Precautionary statements P101 If medical advice is needed, have product container or label at hand.
P103 Read label before use.

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

Gasket-Forming Water-Borne Latex Sealant	100%
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CAS number: —

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.

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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.
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Indication of immediate medical attention and special treatment needed

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

Personal precautions, protective equipment and emergency procedures

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

Environmental precautions	Prevent from reaching drains, sewer, or waterway.
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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.
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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 uses(s)

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

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

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 Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

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

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California Proposition 65 Carcinogens and Reproductive Toxins

Not listed.

Inventories

US - TSCA

All the ingredients are listed or exempt.

16. Other information

Abbreviations and acronyms used in the safety data sheet

CAS: Chemical Abstracts Service.
 IARC: International Agency for Research on Cancer.
 IATA: International Air Transport Association.
 IMDG: International Maritime Dangerous Goods.
 NIOSH: The National Institute for Occupational Safety and Health.
 OSHA: Occupational Safety and Health Administration.
 PBT: Persistent, Bioaccumulative and Toxic substance.
 SARA: Superfund Amendments and Reauthorization Act.
 TSCA: Toxic Substances Control Act.
 USEPA: United States Environmental Protection Agency.
 vPvB: Very Persistent and Very Bioaccumulative.

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.