

Product name:	ECOSEAL Plus™	Page:	1/13
Revision Date:	2015-08-12	Print date:	2015-08-12
P/N-no.:	KI_DP_721	SDS-ID:	US-EN/1.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name: ECOSEAL Plus™
Manufacturer #G1 dd`Yf`HfUXY`bUa`Y`..... Not applicable.
Manufacturer #G1 dd`Yf`5ftWY`bi`ä`VYF`..... Not applicable.

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Gasket-Forming Water-Borne Latex Sealant

Details of the supplier of the safety data sheet

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

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

Region: United States, Central & South America's

Emergency telephone number

Emergency telephone: 24hr: Chemtrec Tel: 800 424 9300

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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to the OSHA Hazard Communication Standard (29 CFR 1910.1200):
The product is not classified.

Label elements

Hazard statements: None.

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.



Health	1
Flammability	0
Physical Hazard	0
Personal Protection	B

Other hazards

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

<u>%:</u>	<u>CAS-No.:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
100	-	Gasket-Forming Water-Borne Latex Sealant	-	(1)

Notes: (1) None of the components are classified under GHS regulations.

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SECTION 4: FIRST AID MEASURES

Description of first aid measures

Inhalation: Seek medical assistance if cough or other symptoms appear.

Skin contact: Rinse/flush exposed skin gently using soap and water for 15-20 minutes. Seek medical advice if discomfort or irritation persists.

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.

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

Most important symptoms and effects, both acute and delayed

None known.

Indication of any immediate medical attention and special treatment needed

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

SECTION 5: FIREFIGHTING MEASURES

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

None known.

Advice for firefighters

Protective equipment: Wear protective eyewear, gloves, and clothing. Refer to Section 8. Use NIOSH-approved respiratory protection/breathing apparatus.

Additional information: Avoid contact with skin, eyes, and clothing.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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

Environmental precautions

Prevent from reaching drains, sewer, or waterway.

Methods and material for containment and cleaning up

Wear protective eyewear, gloves, and clothing. Refer to Section 8. Always obey local disposal regulations. Refer to Section 13

Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin, eyes, and clothing. Follow good hygiene procedures when handling chemical materials. Refer to sectionxxx 8. Follow proper disposal methods. Refer to sectionxxx 13. Do not eat, drink, smoke, or use personal products when handling chemical substances.

Conditions for safe storage, including any incompatibilities

Store in a cool location. Keep away from food and beverages. Protect from freezing and physical damage. Provide ventilation for containers. Keep container tightly sealed.

Specific end use(s)

No data available.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

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.

Respiratory equipment:

Not required under normal conditions of use.

Skin 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.

Eye 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.

Hygiene measures:

Perform routine housekeeping. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing.

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SECTION 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 / freezing point: Not determined.

Initial boiling point and boiling range: 100 °C

Flash point: Not determined.

Evaporation rate: < 1.0

Flammability (solid, gas): Not determined.

Density: Not determined.

Explosion limits: Not applicable.

Vapor pressure: Not determined.

Vapor density: Not determined.

Relative density: 0.55 - 0.085 g \ l

Solubility: Partially soluble in water.

Partition coefficient (n-octanol/water): Not determined.

Auto Ignition Temperature (°C): Not determined.

Decomposition temperature (°C): Not determined.

Viscosity: a) Kinematic: Not determined.
b) Dynamic: 150,000 - 350,000 cps

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SECTION 10: STABILITY AND REACTIVITY

Reactivity

Nonreactive under normal conditions

Chemical stability

Stable under normal conditions

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

None known.

Incompatible materials

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.

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SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: No additional information available
Chronic Toxicity: No additional information available
Skin Corrosion/Irritation: No additional information available
Sensitization: No additional information available
STOT - Single exposure: No additional information available
Numerical Measures: No additional information available

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.

Germ cell mutagenicity: No additional information available
Reproductive Toxicity: No additional information available

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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

None known.

Persistence and degradability

None known.

Bioaccumulative potential

None known.

Mobility in soil

None known.

Results of PBT and vPvB assessment

None known.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment 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

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SECTION 14: TRANSPORT INFORMATION

UN number

Not regulated.

UN proper shipping name

Not regulated.

Transport hazard class(es)

Not regulated.

Packing group

Not regulated.

Environmental hazards

Not regulated.

Special precautions for user

Not regulated.

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

Not regulated.

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SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

United States (USA)

Section 311/312 Hazard Categories: (Specific toxic chemical listings): None of the ingredients are listed.

Section 313 Toxic Chemicals: (Specific toxic chemical listings): None of the ingredients are listed.

RCRA (hazardous waste code): None of the ingredients are listed.

TSCA (Toxic Substances Control Act): All ingredients are listed.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act): None of the ingredients are listed.

California Safe Drinking Water and Toxic Enforcement Act (Prop. 65):

Chemicals known to cause cancer: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.

Chemicals known to cause developmental toxicity: None of the ingredients are listed.

Canada

Canadian Domestic Substances List (DSL): All ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 0.1%): None of the ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 1%): None of the ingredients are listed.

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SECTION 16: OTHER INFORMATION

This product Safety Data Sheet (SDS) has been constructed based on PolymerAdhesives Sealant Systems INC. Gasket-Forming Water-Borne Latex Sealant SDS Creation Date: 2014-10-24 Revision update: 2015-05-18

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.

No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by Polymer Adhesive hereunder are given gratis and Polymer Adhesive assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.

Abbreviations and acronyms used in the safety data sheet:

IMDG: International Maritime Code for Dangerous Goods.
IATA: International Air Transport Association.
GHS: Globally Harmonized System of Classification and Labelling of Chemicals.
ACGIH: American Conference of Governmental Industrial Hygienists.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
NFPA: National Fire Protection Association (USA).
HMIS: Hazardous Materials Identification System (USA).
WHMIS: Workplace Hazardous Materials Information System (Canada).
DNEL: Derived No-Effect Level (REACH).
PNEC: Predicted No-Effect Concentration (REACH).
CFR: Code of Federal Regulations (USA).
SARA: Superfund Amendments and Reauthorization Act (USA).
RCRA: Resource Conservation and Recovery Act (USA).
TSCA: Toxic Substances Control Act (USA).
NPRI: National Pollutant Release Inventory (Canada).
DOT: US Department of Transportation.

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

Additional information: Change to Sections: New document format - Date: 2015-08-12

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The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.
