

Driwall Air Weather Barrier - HP

Safety Data Sheet

1. COMPANY IDENTIFICATION

Company:	Keene Building Products
Address:	P.O. Box 241353 Mayfield Heights, OH 44124
Toll Free Number:	877.514.5336
Main Number:	440.605.1020
Fax Number:	440.605.1120
Emergency (24 hours)	
CHEMTEC:	800-424-9300
Effective Date:	October 26, 2018
Product:	Driwall Air Weather Barrier - HP

2. HAZARDOUS IDENTIFICATION

HMIS:
HEALTH 1
FLAMMABILITY 1
REACTIVITY 0



Eye Irritation.	Category 2.
Skin Irritation.	Category 2.
Acute Oral Toxicity.	Category 4.
Hazardous to the aquatic environment, long-term, chronic.	Category 2.

HAZARD STATEMENT

WARNING

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye irritation.
H412	Toxic to aquatic life with long lasting effects.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/... if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330	Rinse mouth.
P332+P313	IF SKIN irritation occurs: Get medical advice/attention.
P337+P313	IF eye irritation persists: Get medical advice/attention.
P362+P363	Take off contaminated clothing. Wash contaminated clothing before reuse.
P391	Collect spillage
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Eye: May cause irritation.
 Skin: May cause irritation.
 Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.
 Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
 Target Organs: Eyes. Skin. Respiratory system. Digestive system.

Hazards not otherwise classified that have been identified during the classification process:
 Route of Exposure: Eyes. Skin. Inhalation. Ingestion.

3. COMPOSITION & INFORMATION ON INGREDIENTS

Substances	CAS Number	Percent
1,2-Propanediol	57-55-6	1 - 5 by weight
Aluminum Silicate	1302-76-7	1 - 5 by weight
Crystalline silica (Quartz)	14808-60-7	30 - 60 by weight
Naphtha	64742-88-7	1 - 5 by weight
Titanium Oxide	13463-67-7	1 - 5 by weight
Water based dispersion of butadiene styrene copolymer	No Data	30 - 60 by weight

4. FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
 Eyes: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.
 Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
 Skin: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

Other First Aid: First Responders should provide for their own safety prior to rendering assistance.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use dry chemical or foam when fighting fires involving this material. Water mist may be used to cool closed containers.

Unusual Fire Hazards: Material may spatter above 100°C/212°F.

Protective Equipment: As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

Fire Fighting Instructions: Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.

HMIS:
 HEALTH 1
 FLAMABILITY 1
 REACTIVITY 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.

Environmental Precautions: Avoid runoff into storm sewers, ditches, and waterways.

Procedures for Containment/Cleanup: Contain spills with an inert absorbent material such as soil, sand or oil dry. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section.

7. HANDLING & STORAGE

Handling: Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.
Wash thoroughly after handling.

Storage: Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use.
Store away from direct heat or sunlight, sources of UV radiation, peroxides, or free radicals.
Do not store in temperatures above 49°C (120°F) or below 9°C (48°F). Keep away from direct sunlight.

Work Practice: Handle in accordance with good industrial hygiene and safety practices.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Crystalline silica (Quartz) :
Guideline ACGIH: TLV-TWA: 0.025 mg/m³ (R)

Titanium Oxide :
Guideline ACGIH: TLV-TWA: 10 mg/m³

Engineering Controls: Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

Eye/Face Protection: Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.

Skin Protection: Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.

Hand Protection: Nitrile rubber or natural rubber gloves are recommended.

Respiratory Protection: A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Other: Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.

Only established PEL and TLV values for the ingredients are listed.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance: Liquid
Odor: Slight

Vapor Density:	Not determined
Vapor Pressure:	Not determined
pH:	7.5 - 10
Melting Point:	0°C (32°F)
Boiling Range:	Not determined
Specific Gravity:	>1
Flash Point:	Not determined

10. STABILITY & REACTIVITY

Chemical Stability:	Stable under recommended handling and storage conditions.
Hazardous Polymerization:	Hazardous polymerization does not occur.
Conditions to Avoid:	Heat, flames, ignition sources, and sparks. Incompatible materials. Freezing or temperatures below 0°C (32°F).
Incompatible Materials:	Water reactive materials.
Hazardous Decomposition Products:	Thermal decomposition can lead to release irritant fumes and toxic gases.

11. TOXICOLOGICAL INFORMATION

Information on toxicological

1,2-Propanediol:

RTECS Number: TY2000000

Eye:Administration into the eye - Rabbit Standard Draize test : 100 mg [Mild]
Administration into the eye - Rabbit Standard Draize test : 500 mg/24H [Mild] (RTECS)

Skin:Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill : 20800 mg/kg [Details of toxic effects not reported other than lethal dose value]
Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill : 20800 mg/kg [Behavioral -Ataxia Behavioral - Tetany Lungs, Thorax, or Respiration - Respiratory depression] (RTECS)

Inhalation: Inhalation - Rat TClO - Lowest published toxic concentration : 2180 mg/m³/6H/90D (Intermittent) [Behavioral - Food intake (animal) Endocrine - Changes in spleen weight Biochemical - Enzyme inhibition, induction, or change in blood or tissue levels - Dehydrogenases] (RTECS)

Ingestion: Oral - Rat LD50 - Lethal dose, 50 percent kill : 20 gm/kg [Details of toxic effects not reported other than lethal dose value]
Oral - Mouse LD50 - Lethal dose, 50 percent kill : 22 gm/kg [Details of toxic effects not reported other than lethal dose value]
Oral - Rabbit LD50 - Lethal dose, 50 percent kill : 18500 mg/kg [Details of toxic effects not reported other than lethal dose value]
Oral - Mouse LD50 - Lethal dose, 50 percent kill : 20300 mg/kg [Behavioral - Ataxia Behavioral - Tetany Lungs, Thorax, or Respiration - Respiratory depression] (RTECS)

Crystalline silica (Quartz):

RTECS Number: VV7330000

Inhalation: Inhalation - Rat TClO - Lowest published toxic concentration : 248 mg/m³/6H [Lungs, Thorax, or Respiration - Other changes Biochemical - Metabolism (intermediary) - Other proteins Biochemical -Metabolism (intermediary) - Effect on inflammation or mediation of inflammation]
Inhalation - Rat TClO - Lowest published toxic concentration : 248 mg/m³/6H [Lungs, Thorax, or Respiration - Changes in lung weight Immunological Including Allergic - Increase in cellular immune response Biochemical - Metabolism (intermediary) - Effect on inflammation or mediation of inflammation]
Inhalation - Rat TClO - Lowest published toxic concentration : 200 mg/kg [Lungs, Thorax, or Respiration - Fibrosis, focal (pneumoconiosis) Lungs, Thorax, or Respiration - Other changes Nutritional and Gross Metabolic - Changes in iron]
Inhalation - Mouse TClO - Lowest published toxic concentration : 40 mg/kg [Lungs, Thorax, or Respiration - Other changes]
Inhalation - Mouse TClO - Lowest published toxic concentration : 40 mg/kg [Immunological Including Allergic - Decrease in cellular immune response]
Inhalation - Rat TClO - Lowest published toxic concentration : 1 mg/kg (RTECS)

Ingestion: Oral - Rat TDLo - Lowest published toxic dose : 120 gm/kg [Gastrointestinal - Hypermotility, diarrhea
Gastrointestinal - Other changes] (RTECS)

Carcinogenicity: Crystalline silica in the form of quartz or cristobalite dust causes cancer of the lung.. Normal application procedures for this product pose no hazard as to the release of crystalline silica dust, but grinding or sanding dried films of this product may yield some respirable crystalline silica.

Naphtha:

RTECS Number: WJ8930000

Inhalation - Rat TCLo - Lowest published toxic concentration : 1100 mg/m3/6H/16D (Intermittent) [Kidney/Ureter/
Bladder - Other changes Kidney/Ureter/Bladder - Kidney tumors]

Inhalation - Mouse TCLo - Lowest published toxic concentration : 550 mg/m3/6H/16D (Intermittent) [Nutritional and
Gross Metabolic - Weight loss or decreased weight gain] (RTECS)

Titanium Oxide:

RTECS Number: XR2275000

Inhalation - Inhalation - Rat TCLo - Lowest published toxic concentration : 1 mg/kg [Lungs, Thorax, or Respiration
Other changes Biochemical - Metabolism (intermediary) - Effect on inflammation or mediation of inflammation]
(RTECS)

Ingestion: Oral - Rat TDLo - Lowest published toxic dose : 60 gm/kg [Gastrointestinal - Hypermotility, diarrhea
Gastrointestinal - Other changes] (RTECS)

Carcinogenicity: (a) Although IARC has classified titanium dioxide as possible carcinogenic to human (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products which titanium dioxide is bound to other materials, such as paints.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No environmental information found for this product.

13. DISPOSAL INFORMATION

Waste: Dispose of in accordance with Local, State, Federal and Provincial regulations.

14. TRANSPORTATION INFORMATION

This product is not a reportable quantity product regulated by the U.S. Department of Transportation (DOT).

DOT Reportable Quantity (lbs): N/A

NFPA Rating: Health: 1; Flammability: 1; Instability/Reactivity: 0

15. REGULATORY INFORMATION

SARA: This product does not contain any chemicals which are subject to the reporting requirements of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III (40CFR, Part 372).

California PROP 65: The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the State of California to cause cancer.

Canada WHMIS: Xi - Irritant.

EU Class: Irritant.

In accordance to Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures.

Risk Phrases: R36/37/38 - Irritating to eyes, respiratory system and skin.

Safety Phrases: S23 - Do not breathe gas/fumes/vapour/spray.
S37 - Wear suitable gloves.

1,2-Propanediol :

TSCA Inventory Status: Listed
Canada DSL: Listed
EC Number: 200-338-0

Aluminum Silicate :

Canada DSL: Listed
EC Number: 215-106-4

Crystalline silica (Quartz) :

TSCA Inventory Status: Listed
Canada DSL: Listed
EC Number: 238-878-4

Naphtha :

TSCA Inventory Status: Listed
Canada DSL: Listed
EC Number: 265-191-7

Titanium Oxide :

TSCA Inventory Status: Listed
Canada DSL: Listed
EC Number: 236-675-5

16. OTHER

Prepared Date: 10/26/2018
Phone: 440-605-1020

THE ABOVE INFORMATION & RECOMMENDATIONS ARE BELIEVED ACCURATE & RELIABLE BECAUSE IT IS NOT POSSIBLE TO ANTICIPATE ALL CONDITIONS OF USE; ADDITIONAL SAFETY PRECAUTIONS MAY BE REQUIRED. KEENE BUILDING PRODUCTS, MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, INCLUDING MECHANICALITY & FITNESS.

USER RESPONSIBILITY: EACH USER SHOULD READ & UNDERSTAND THIS INFORMATION & INCORPORATE IT INTO INDIVIDUAL SITE SAFETY PROGRAMS IN ACCORDANCE WITH APPLICABLE HAZARD COMMUNICATION STANDARDS & REGULATIONS.



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