



SAFETY DATA SHEET

Section 1. Identification

Product Name: All SEK-Surebond Edge Restraints:

Snap Edge Paver Edge Restraint
Low Profile Edge Restraint
PermEdge Permeable Paver Edge Restraint

Synonyms: None

Supplier's Details: SEK-Surebond Corporation
3925 Stern Avenue
St. Charles, IL 60174
(800) 932-3343
www.sek.us.com

Emergency Telephone Number: CHEMTREC (800) 424-9300 (United States Only)
Chemtrec (outside USA): (703) 527-3887

Section 2. Hazards Identification

Hazard Classification:

Physical Hazards

NA

Health Hazards

NA

GHS Label Elements:

Hazard Pictograms: None

Signal Word: None

Hazard Statements: None

Precautionary Statements:

Prevention: NA

Response: NA

Storage: NA

Disposal: NA

Other hazards: None known

Supplemental Information: None

Section 3. Composition/Information on Ingredients

Substance/Mixtures

Mixture
Polyethylene

Other Means of Identification:

Snap Edge Paver Edge Restraint, Low Profile Edge Restraint, PermEdge
Permeable Paver Edge Restraint

CAS number/other identifiers:

CAS Number: Mixture

Ingredient Name	CAS-No.	%
Ethylene-1-hexene Copolymer or Ethylene-1-butene Copolymer or Polyethylene Homopolymer	25213-02-9 or 25087-34-7 or 9002-88-4	99-100
Additives (chemical identity withheld as trade secret)	Trade Secret	0-1

Section 4. First Aid Measures

Description of Necessary First Aid Measures:

Eye Contact: NA

Inhalation: NA

Skin Contact: NA

Ingestion: NA

Most Important Symptoms/Effects (both acute and delayed):

Symptoms/Injuries after Inhalation:

Nuisance dusts can be irritating to the upper respiratory tract.

Symptoms/Injuries after Eye Contact:

Dust from this product may cause minor eye irritation.

Symptoms/Injuries after Ingestion:

No effects are expected for ingestion of small amounts. May be a choking hazard.

Indication of Immediate Medical Attention and Special Treatment Needed (if necessary):

No additional information available.

Section 5. Firefighting Measures

Extinguishing Media:

Suitable Extinguishing Media: For small fire: Use dry chemical, carbon dioxide, or water.
For large fire: Water Spray

Unsuitable Extinguishing Media: None known.

Special hazards arising from the substance or mixture:

Fire hazard: May be combustible at high temperature. May form combustible dust concentrations in the air. Vapors generated from overheating/melting/decomposition may be flammable and may cause fire/explosion if source of ignition is present.

Explosion hazard: NA

Hazardous decomposition products in case of fire: Carbon oxides (CO, CO₂). Aldehydes. Ketones. Hydrocarbons. Fire will produce dense black smoke. Soot.

Advice for fire-fighters:

Firefighting instructions: Fight fire from safe distance and protected location. Prevent firefighting water from entering environment.

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Other Information: May re-ignite itself after fire is extinguished.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

NA

Methods and Materials for Containment and Cleaning Up:

Methods for cleaning up: On land, sweep or shovel into suitable containers.
Other Information: Dispose of contaminated material at an authorized site. Notify authorities if product enters sewers or public waters.

Section 7. Handling and Storage

Precautions for Safe Handling:

Do not overheat the product.

Conditions for Safe Storage, Including any Incompatibilities:

Storage conditions:

Store at room temperature. Protect from heat and direct sunlight. Store in a dry, cool, well-ventilated area.

Incompatible materials:

Strong oxidizing agents.

Section 8. Exposure Controls/Personal Protection

Polyethylene (25213-02-9 or 25087-34-7 or 9002-88-4

USA ACGIH	ACGI TWA (mg/m ³)	10 mg/m ³ (inhalable fraction) 3 mg/m ³ (respirable particles)
USA ACGIH	Remark (ACGIH)	Particulates, not otherwise classified

Exposure Controls:

Appropriate Engineering Controls:

None necessary when used as directed.

Eye Protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing. Safety footwear.

Section 9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties:

Appearance:

Physical State: Solid
Color: Black

Odor:	Odorless
Odor Threshold:	No data available
pH:	Not applicable
Melting Point:	126 – 136 ° C
Freezing Point:	No data available
Boiling Point:	No data available
Flash Point:	No data available
Auto Ignition Temperature:	No data available
Decomposition Temperature:	No data available
Flammability (solid, gas):	No data available
Vapor Pressure:	No data available
Relative Vapor Density at 20 ° C:	No data available
Relative Density:	0.91 – 0.97
Solubility:	
Solubility in Water:	Negligible
Partition coefficient (n-octanol/water):	Not applicable
Log Kow:	No data available
Viscosity, kinematic:	Not applicable
Viscosity, dynamic:	No data available
Explosive Information:	No data available

Other Information:

No additional information available

Section 10. Stability and Reactivity

Chemical Stability:	Product is stable under normal handling and storage conditions.
Possibility of Hazardous Reactions:	Dust may form explosive mixture in air.
Conditions to Avoid:	Avoid dust formation. Avoid the build-up of electrostatic charge: heat, open Flame, sparks, or direct sunlight.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Hazardous decomposition products formed under fire conditions: carbon monoxide, carbon dioxide, and toxic fumes.

Section 11. Toxicological Information

Information on Toxicological Effects:

Likely routes of exposure: Skin and eye contact

Acute Toxicity: Not classified

Polyethylene

LD50 oral rat	>8000 mg/kg Based on polyethylene homopolymer
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Polyethylene (25213-02-9 or 25087-34-7 or 9002-88-4)

LD50 oral rat	>8000 ng/kg Based on homopolymer polyethylene
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Irritation/Corrosion:

Skin corrosion/irritation: Not classified
 Serious eye damage/irritation: Not classified
 Respiratory or skin sensitization: Not classified
 Germ cell mutagenicity: Not classified
 Carcinogenicity: Not classified

Polyethylene (25213-02-9 or 25087-34-7 or 9002-88-4)

IARC Group	3-Not classifiable
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Reproductive toxicity: Not classified
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (Repeated exposure): Not classified
Aspiration hazard: Not classified

Section 12. Ecological Information

Toxicity:

Ecology-general: This product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Persistence and degradability:

Polyethylene:

Persistence and degradability	This material is persistent in the environment. Not readily biodegradable.
BOD (% of ThOD)	Below detection limit.

Bioaccumulative potential:

Polyethylene:

Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.
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Mobility in soil:

Polyethylene:

Ecology – soil	Low mobility
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Other adverse effects:

Other information: Avoid release to the environment.

Section 13. Disposal Considerations

Waste treatment methods:

This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Transfer to a safe disposal area in accordance with federal, state and local regulations.

Waste disposal recommendations:

Recycle the material as much as possible.

Additional Information:

May be used as fuel in suitably designed installations.

Section 14. Transport Information

US Transport (DOT) for Bulk Shipments (Non-Bulk Shipments May Differ):

Not regulated by US DOT

Transport by Sea (IMDG):

Not regulated by IMDG

Air Transport (IATA):

Not regulated by IATA

Section 15. Regulatory Information

U.S. Federal Regulations:

EPA TSCA Status:

All components of this product are listed or excluded from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

SARA Section 313 Supplier Notification:

This product contains no toxic chemicals in excess of the applicable de Minimis concentration that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

SARA Section 311/312 Hazard Classes:

Fire Hazard

Export Control Classification Number (ECCN):

EAR99 (No License Required)

International Regulations:

CANADA:

Polyethylene:

WHMIS Classification

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR Uncontrolled Product according to WHMIS classification criteria.

National Inventories:

No additional information available.

US STATE REGULATIONS:

California Prop. 65:

To the best of our knowledge, there are no Proposition 65 chemicals present in this product at levels that would require warning under the California Safe Drinking Water and Toxic Enforcement Act.

Section 16. Other Information

Revision Information:

Not relevant

Key Literature References

and Sources for Data: No data available

Date of Issue/Date of Revision: 11/18/2015

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