



SCHLUTER® KERDI-SHOWER-FRS SHIMS

SAFETY DATA SHEET (SDS)

Version: 01

Date of Issue: September 29,
2026

According to: Global Harmonized System (GHS); OSHA
Hazard Communication Standard 29 CFR
1910.1200(g) Rev. 2012; WHMIS 2015
(Hazardous Products Regulations)

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Name: Schluter® KERDI-SHOWER-FRS Shims
Product High-density polyethylene (HDPE) Shims.
Description:
Product Use: KERDI-SHOWER-FRS Shims are used to align, support, and separate materials.

Manufacturer/Supplier Identification:

US: Schluter Systems L.P.
194 Pleasant Ridge Road
Plattsburgh, NY 12901

CAN: Schluter Systems (Canada) Inc.
21100 chemin Ste-Marie
Ste-Anne-de-Bellevue, QC H9X 3Y8

Telephone: 1-800-472-4588

Email: commercialsupport@schluter.com

Web Site: <https://www.schluter.com/>

EMERGENCY INFORMATION

Emergency telephone number:

CHEMTREC: +1 (800) 424-9300 (within the US) or +1 (703) 527-3887 (outside the US)

SECTION 2 – HAZARD IDENTIFICATION

According to: Global Harmonized System (GHS); OSHA Hazard Communication Standard 29 CFR 1910.1200(g) Rev. 2012; WHMIS 2015 (Hazardous Products Regulations) Classification:

Health	Environment	Physical
None	None	None

This material is classified as not hazardous under OSHA/WHMIS regulations. Under normal conditions of use, this product is not expected to create any unusual industrial hazards.

Label Elements

- Label Pictogram:** Not applicable
- Signal Word:** Not applicable
- Hazard Statements:** Not applicable
- Precautionary Statements:** Not applicable

**Other Hazards (supplemental information):**

- **Dust and fume from processing:** Irritating gases/fumes may be given off during burning or thermal decomposition.
- **Additional health effects from elevated temperature processing (e.g., welding, melting):**
 - Contact with hot material will cause thermal burns.
- **Explosion/fire hazards may be present when:**
 - None known

SECTION 3 – COMPOSITION/ INFORMATION ON INGREDIENTS**PRELIMINARY STATEMENT:**

This material is classified as not hazardous under OSHA/WHMIS regulations. Under normal conditions of use, this product is not expected to create any unusual industrial hazards.

CAS NUMBER	EC NUMBER (EINECS/ELINCS)	CHEMICAL NAME	PERCENT (% weight)
9002-88-4	926-220-5	Polyethylene	>98%
1333-86-4	215-609-9	Carbon Black	<2%
NA	NA	Other additives	<1%

Note: Exact composition will vary. Other chemical additives including antioxidants, UV stabilizers, processing aids and slip agents may be formulated into various polyethylene resin grades at a total concentration of less than 1%.

SECTION 4 – FIRST AID MEASURES

Eye: No specific first aid measures are required.

Skin: No specific first aid measures are required.

Inhalation: No specific first aid measures are required.

Ingestion: No specific first aid measures are required.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point: Not applicable

Flammable Limits: Not applicable

Suitable extinguishing media:

Material will burn although it is not easily ignited. Water, foam, dry chemical or carbon dioxide can be used to extinguish flames. For large fires, do not enter any enclosed or confined fire space without proper protective equipment.

Specific hazards arising from the product:

If product combusts, carbon monoxide, carbon dioxide, and other organic compounds can be produced.

Special protective actions for firefighters:

Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing when fighting fires.



SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions:	No special measures required.
Environmental precautions:	No special measures required.
Containing environmental effects:	N/A.
Measures when handling spilled substance:	Pick up mechanically. Collect scrap for recycling.
Reporting:	N/A.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling:	No special measures required.
Conditions for safe storage:	No special measures required.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure limit values

There are no exposure limits for HDPE.

Component	CAS Number	Type	Exposure Limit	Form
Carbon Black	1333-86-4	OSHA PEL (TWA) NIOSH REL (TWA) NIOSH REL (TWA)	3.5 mg/m ³ 3.5 mg/m ³ 0.1 mg PAHs/m ³	carbon black in the presence of PAHs

Appropriate engineering controls

Work/Hygienic practices:	No special measures required.
Ventilation:	No special measures required.
Other equipment:	No special measures required.

Individual protection measures - Personal protective equipment (PPE)

Eye/Face Protection:	No special measures required.
Hands/Skin Protection:	No special measures required.
Respiratory Protection:	No special measures required.
Thermal Hazards:	No special measures required.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Note: The data below are typical values and do not constitute a specification.

Appearance Physical state: Color: Odor/Odor threshold:	Solid Black odorless	Vapor density (Air = 1):	Not applicable
pH:	Not applicable	Partition Coefficient: n-octanol/water	Not applicable
Melting point:	100-135 °C	Water solubility:	Insoluble
Boiling point/range:	Not applicable	Auto-ignition Temperature:	380 °C
Flash point:	Not applicable	Decomposition Temperature:	Not applicable
Evaporation rate:	Not applicable	Viscosity:	Not applicable
Flammability:	Not applicable	Oxidizing properties:	Not applicable
Upper/lower flammability limits	Not applicable	Molecular Weight:	Not applicable
Vapor pressure:	Not applicable	Relative density:	0.91-0.97 g/cm ³

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Unreactive.

Chemical stability: Stable.

Possibility of hazardous reactions: None known.

Conditions to avoid:

- Contact with strong acids, strong bases, strong oxidizers.

Incompatibility: None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

Products sold in marketed form are not expected to present a serious health hazard.

Likely routes of exposure: None identified.

Potential signs and symptoms of overexposure: None.

Acute Effects

Oral toxicity:

Practically non-toxic based on available data. The oral acute toxicity estimate (ATE) for the whole product is >4000 mg/kg.

Dermal toxicity:

Practically non-toxic based on available data.

Inhalation toxicity:

Practically non-toxic based on available data.

Skin corrosion/irritation:

The ingredients in this product are not irritating.

Serious eye damage/irritation:

The ingredients in this product are not irritating.

Skin sensitization:

The ingredients in this product are not sensitizing.

Respiratory sensitization:

No information available.



Other Health Effects

Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Not listed by IARC, NTP or US EPA.

Developmental/Reproductive Toxicity: Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: No information available.

SECTION 12 – ECOLOGICAL INFORMATION

Toxicity:	This product should have low toxicity to aquatic and terrestrial organisms.
Persistence and biodegradability:	This inert product is not considered to be rapidly biodegradable.
Bioaccumulation potential:	This solid product has a low potential for bioaccumulation.
Mobility in soil:	Due to the solid nature of this product, it should have low mobility in soil.
Other adverse effects:	No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal methods:	This product as sold in its marketed form is not considered an environmental hazard. Dispose of in a manner consistent with applicable regulations.
Container:	Place contaminated materials in disposal containers and dispose of in a manner consistent with applicable regulations.

SECTION 14 – TRANSPORT INFORMATION

Agency:	Shipping Description:
DOT/TDG	NOT REGULATED AS HAZARDOUS MATERIAL FOR TRANSPORTATION UNDER DOT 49 CFR
IMO/IMDG	NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORT UNDER THE IMDG CODE
ICAO/IATA	NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORT UNDER ICAO

UN/NA number:	Not classified
Proper shipping name:	Not classified
Hazard class:	Not classified
Packing group:	Not classified
Environmental hazards:	Not classified
Transport in bulk:	Not classified
Special precautions for user:	Not classified



SECTION 15 – REGULATORY INFORMATION

Chemical Safety Assessment: None available

United States Federal Regulations:

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): The finished product is not listed under CERCLA and has no reportable quantity.

Clean Water Act (CWA): The finished product is not listed as toxic pollutants.

Clean Air Act (CAA): The finished product is not listed as hazardous air pollutants.

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA 302 Components: The finished product is not subject to reporting requirements of S.302.

SARA 311/312 Hazards: None.

SARA 313 Components: None. The finished product is not subject to reporting levels established by S.313.

Toxic Substances Control Act: All components are listed on the TSCA inventory.

State:

California: According to the supplier, HDPE Black contains Carbon Black, a chemical listed on California Proposition 65 as a chemical known to the State to cause cancer. Carbon black is listed when in the form of airborne, unbound particles of respirable size, which is not relevant to the finished product.

Canada:

DSL/NDSL: All components are listed or exempt.

Other:

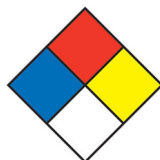
IARC: Finished product not assessed by IARC for carcinogenicity.

NTP: Finished product not classified as known or reasonably anticipated carcinogen.

SECTION 16 – OTHER INFORMATION

National Fire Protection Association (NFPA) Ratings: This information is provided solely for the use of individuals trained in the NFPA system.

Health: 0
Flammability: 0
Reactivity: 0



Acronyms and abbreviations that may have been used in this document:

ACGIH: American Conference of Governmental Industrial Hygienists	MSHA: Mine Safety and Health Administration
CAS: Chemical Abstract Service Number	NDSL: Non-Domestic Substances List
CAA: Clean Air Act	NFPA: National Fire Protection Association
CERCLA: Comprehensive Environmental Response and Liability Act	NTP: National Toxicology Program
CLP: Classification, Labelling, and Packaging of Substances and Mixtures:	NIOSH: National Institute for Occupational Safety and Health
CWA: Clean Water Act	NFPA: National Fire Protection Association
DOT: Department of Transport	N/A: not applicable/available
DSL: Domestic Substance List	NTP: National Toxicology Program
EC: European Community	OSHA: Occupational Safety and Health Administration
EINECS: European Inventory of Existing Chemical Substances	PNOR: Particulates Not Otherwise Regulated
ELINCS: European List of Notified Chemical Substances	PPE: Personal Protective Equipment
GHS: Global Harmonized System of Classification and Labelling of Chemicals	SARA: Superfund Amendment and Reauthorization Act
IARC: International Agency for Research on Cancer	SCL: Specific Concentration Limit
IATA: International Air Transport Association	SDS: Safety Data Sheet
ICAO: International Civil Aviation Organization	TDG: Transportation of Dangerous Goods
IMO: International Maritime Organization	TSCA: Toxic Substances Control Act:
IMDG: International Maritime Dangerous Goods	UN/NA: United Nations/North America
M-Factor: Multiplying factor	US EPA: US Environmental Protection Agency
MMA: methyl methacrylate monomer	WHMIS: Workplace Hazardous Materials Information System

Revision Indicator: This is a new Safety Data Sheet.

Creation Date: August 12, 2026

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.