

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## Sikaflex SL 2 Part A self leveling Formerly MSeal SL2 SLV

Version 2.0      Revision Date: 03/28/2024      SDS Number: 000000719720      Date of last issue: 03/08/2021  
Date of first issue: 01/18/2021

### SECTION 1. IDENTIFICATION

Product name : Sikaflex SL 2 Part A self leveling Formerly MSeal SL2 SLV  
Product code : 000000000050446068

#### Manufacturer or supplier's details

Company name of supplier : Sika MBCC US LLC  
Address : 201 POLITO AVE  
Lyndhurst NJ 07071  
Emergency telephone : ChemTel: +1-813-248-0585

#### Recommended use of the chemical and restrictions on use



Recommended use : Sealant  
Restrictions on use : Reserved for industrial and professional use.

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids : Category 3  
Carcinogenicity (Inhalation) : Category 1A  
Specific target organ toxicity - repeated exposure (Inhalation) : Category 1 (Central nervous system)  
Short-term (acute) aquatic hazard : Category 3

#### GHS label elements

Hazard pictograms :  

Signal Word : Danger

Hazard Statements : H226 Flammable liquid and vapor.  
H350 May cause cancer by inhalation.  
H372 Causes damage to organs (Central nervous system) through prolonged or repeated exposure if inhaled.  
H402 Harmful to aquatic life.

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### Precautionary Statements

:

#### Prevention:

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P260 Do not breathe mist or vapors.  
P264 Wash skin thoroughly after handling.  
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.

#### Response:

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

#### Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.

#### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Components

Chemical name	CAS-No.	Concentration (% w/w)
Limestone	1317-65-3	>= 50 - < 70
calcium carbonate	471-34-1	>= 5 - < 10
Stoddard solvent	8052-41-3	>= 5 - < 10
Ethylenediamine, propoxylated	25214-63-5	>= 1 - < 5
Quartz (SiO <sub>2</sub> )	14808-60-7	>= 0.1 - < 1

Actual concentration is withheld as a trade secret

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### SECTION 4. FIRST AID MEASURES

- |   |   |   |
|---|---|---|
| General advice  | : | First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.   |
| If inhaled  | : | If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.  |
| In case of skin contact                                     | : | After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention. |
| In case of eye contact                                      | : | Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. Remove contact lenses, if present.                            |
| If swallowed  | : | Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do NOT induce vomiting.   |
| Most important symptoms and effects, both acute and delayed | : | May cause cancer by inhalation. Causes damage to organs through prolonged or repeated exposure if inhaled.  |
| Notes to physician  | : | Treat symptomatically.  |

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### SECTION 5. FIRE-FIGHTING MEASURES

- |                                       |   |  |
|---------------------------------------|---|--|
| Suitable extinguishing media          | : | Foam<br>Water spray<br>Dry powder<br>Carbon dioxide (CO <sub>2</sub> )   |
| Unsuitable extinguishing media        | : | water jet  |
| Specific hazards during fire fighting | : | See SDS section 10 - Stability and reactivity.   |
| Hazardous combustion products         | : | harmful vapours<br>nitrogen oxides<br>fumes/smoke<br>carbon black<br>carbon oxides   |
| Further information                   | : | The degree of risk is governed by the burning substance and the fire conditions.<br>If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.<br>Contaminated extinguishing water must be disposed of in |

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accordance with official regulations.

Special protective equipment : Wear a self-contained breathing apparatus.  
for fire-fighters

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Do not breathe vapour/aerosol/spray mists.  
Wear eye/face protection.  
If exposed to high vapour concentration, leave area immediately.  
Use personal protective clothing.  
Handle in accordance with good building materials hygiene and safety practice.
- Environmental precautions : Contain contaminated water/firefighting water.  
Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).  
Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Keep away from open flames, hot surfaces and sources of ignition.
- Advice on safe handling : Avoid aerosol formation.  
Avoid inhalation of mists/vapours.  
Avoid skin contact.  
Avoid contact with eyes.
- Conditions for safe storage : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.  
Keep tightly closed.  
Protect from direct sunlight.  
No smoking.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Limestone	1317-65-3	TWA (total dust)	15 mg/m3	OSHA Z-1

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		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total dust)	15 mg/m3	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3	OSHA P0
		TWA (Respirable)	5 mg/m3 (Calcium carbonate)	NIOSH REL
		TWA (total)	10 mg/m3 (Calcium carbonate)	NIOSH REL
calcium carbonate	471-34-1	TWA (Respirable)	5 mg/m3 (Calcium carbonate)	NIOSH REL
		TWA (total)	10 mg/m3 (Calcium carbonate)	NIOSH REL
Stoddard solvent	8052-41-3	TWA	100 ppm	ACGIH
		TWA	350 mg/m3	NIOSH REL
		C	1,800 mg/m3	NIOSH REL
		TWA	500 ppm 2,900 mg/m3	OSHA Z-1
		TWA	100 ppm 525 mg/m3	OSHA P0
Quartz (SiO <sub>2</sub> )	14808-60-7	TWA (Respirable dust)	0.05 mg/m3	OSHA Z-1
		TWA (respirable)	10 mg/m3 / %SiO <sub>2</sub> +2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO <sub>2</sub> +5	OSHA Z-3
		TWA (respirable dust fraction)	0.1 mg/m3	OSHA P0
		TWA (Respirable particulate matter)	0.025 mg/m3 (Silica)	ACGIH
		TWA (Respirable dust)	0.05 mg/m3 (Silica)	NIOSH REL
		PEL (respirable)	0.05 mg/m3	OSHA CARC

**Engineering measures** : Ensure adequate ventilation.

### Personal protective equipment

Respiratory protection : Wear appropriate certified respirator when exposure limits may be exceeded.  
Use NIOSH approved respiratory protection.

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### Hand protection

Remarks : Wear chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Wear safety glasses with side shields or goggles.

Skin and body protection : Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

Protective measures : Do not inhale gases/vapours/aerosols.  
Avoid contact with the skin, eyes and clothing.  
Avoid exposure - obtain special instructions before use.  
Handle in accordance with good building materials hygiene and safety practice.  
Wearing of closed work clothing is recommended.

Hygiene measures : When using, do not eat, drink or smoke.  
Hands and/or face should be washed before breaks and at the end of the shift.  
At the end of the shift the skin should be cleaned and skin-care agents applied.  
Remove contaminated clothing immediately and clean before re-use or dispose it if necessary.  
Gloves must be inspected regularly and prior to each use.  
Replace if necessary (e.g. pinhole leaks).

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : various colours

Odor : solvent-like

Odor Threshold : not determined

pH : No data available

Melting point/freezing point : No data available

Boiling range : 307 - 484 °F / 153 - 251 °C

Flash point : 123.4 °F / 50.8 °C

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Method: Pensky-Martens closed cup

Evaporation rate : No data available

Upper explosion limit / Upper flammability limit : 7.0 %(V)

Lower explosion limit / Lower flammability limit : 0.9 %(V)

Vapor pressure : No data available

Relative vapor density : Heavier than air.

Relative density : No data available

Density : 1.39 - 1.46 g/cm<sup>3</sup> (73 °F / 23 °C)

Solubility(ies)  
Water solubility : slightly soluble

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : not applicable for mixtures

Autoignition temperature : No data available

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity  
Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Explosive properties : Not explosive

Oxidizing properties : not determined

Sublimation point : No data available

Molecular weight : Not applicable

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity : No hazardous reactions if stored and handled as prescribed/indicated.

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- Chemical stability : The product is stable if stored and handled as prescribed/indicated.
- Possibility of hazardous reactions : The product is stable if stored and handled as prescribed/indicated.
- Conditions to avoid : Heat, flames and sparks.
- Incompatible materials : Strong acids  
Strong bases  
Strong oxidizing agents  
Strong reducing agents
- Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Respiratory or skin sensitization

#### Skin sensitization

Not classified based on available information.

#### Respiratory sensitization

Not classified based on available information.

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

May cause cancer by inhalation.

<b>IARC</b>	Group 1: Carcinogenic to humans Quartz (SiO <sub>2</sub> ) (Silica dust, crystalline)	14808-60-7
<b>OSHA</b>	OSHA specifically regulated carcinogen Quartz (SiO <sub>2</sub> ) (crystalline silica)	14808-60-7
<b>NTP</b>	Known to be human carcinogen Quartz (SiO <sub>2</sub> ) (Silica, Crystalline (Respirable Size))	14808-60-7



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### Reproductive toxicity

Not classified based on available information.

### STOT-single exposure

Not classified based on available information.

### STOT-repeated exposure

Causes damage to organs (Central nervous system) through prolonged or repeated exposure if inhaled.

### Aspiration toxicity

Not classified based on available information.

### Further information

#### Product:

Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Product:

#### Ecotoxicology Assessment

Acute aquatic toxicity : Harmful to aquatic life.

#### Persistence and degradability

No data available

#### Bioaccumulative potential

No data available

#### Mobility in soil

No data available

#### Other adverse effects

#### Product:

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with national, state and local regula-

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tions.

Do not contaminate ponds, waterways or ditches with chemical or used container.

Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

UN number : UN 1993  
Proper shipping name : FLAMMABLE LIQUID, N.O.S.  
(STODDARD SOLVENT)  
Class : 3  
Packing group : III  
Labels : 3  
Environmentally hazardous : no

##### IATA-DGR

UN/ID No. : UN 1993  
Proper shipping name : Flammable liquid, n.o.s.  
(STODDARD SOLVENT)  
Class : 3  
Packing group : III  
Labels : Flammable Liquids  
Packing instruction (cargo aircraft) : 366  
Packing instruction (passenger aircraft) : 355

##### IMDG-Code

UN number : UN 1993  
Proper shipping name : FLAMMABLE LIQUID, N.O.S.  
(STODDARD SOLVENT)  
Class : 3  
Packing group : III  
Labels : 3  
EmS Code : F-E, S-E  
Marine pollutant : no

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

Not applicable for product as supplied.

#### Domestic regulation

##### 49 CFR

UN/ID/NA number : NA 1993  
Proper shipping name : Combustible liquid, n.o.s.

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	(STODDARD SOLVENT)
Class	: CBL
Packing group	: III
Labels	: NONE
ERG Code	: 128
Marine pollutant	: no

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### SECTION 15. REGULATORY INFORMATION

#### US State Regulations

##### Pennsylvania Right To Know

Limestone	1317-65-3
calcium carbonate	471-34-1
Stoddard solvent	8052-41-3
zinc neodecanoate	27253-29-8

##### New Jersey Right To Know

Limestone	1317-65-3
calcium carbonate	471-34-1
Stoddard solvent	8052-41-3
Quartz (SiO <sub>2</sub> )	14808-60-7

##### California Prop. 65

WARNING: This product can expose you to chemicals including Quartz (SiO<sub>2</sub>), which is/are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

##### The ingredients of this product are reported in the following inventories:

TSCA	: All substances listed as active on the TSCA inventory
DSL	: All components of this product are on the Canadian DSL

##### Canadian lists

The following substance(s) is/are subject to a Significant New Activity Notification:  
propylene oxide 75-56-9

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### SECTION 16. OTHER INFORMATION

#### Further information

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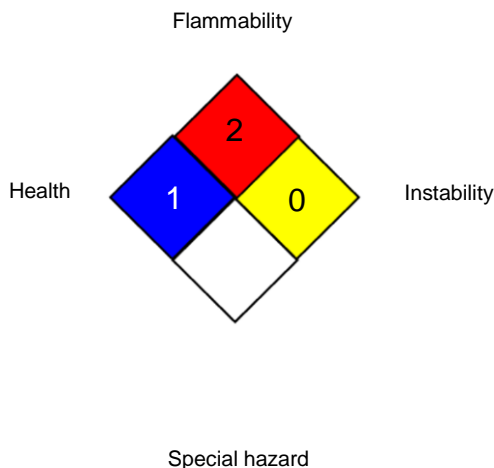
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### NFPA 704:



### HMIS® IV:

HEALTH		
FLAMMABILITY		
PHYSICAL HAZARD		

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

### Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL	:	USA. NIOSH Recommended Exposure Limits
OSHA CARC	:	OSHA Specifically Regulated Chemicals/Carcinogens
OSHA P0	:	USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
OSHA Z-1	:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
OSHA Z-3	:	USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
ACGIH / TWA	:	8-hour, time-weighted average
NIOSH REL / TWA	:	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / C	:	Ceiling value not be exceeded at any time.
OSHA CARC / PEL	:	Permissible exposure limit (PEL)
OSHA P0 / TWA	:	8-hour time weighted average
OSHA Z-1 / TWA	:	8-hour time weighted average
OSHA Z-3 / TWA	:	8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - In-

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ternational Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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