

Sikaflex SL 2 Part A slope grade limestone Formerly MSeal SL 2 slope grade limestone

Version Revision Date: SDS Number: Date of last issue: 01/15/2021 1.1 02/25/2021 000000534120 Date of first issue: 01/15/2021

SECTION 1. IDENTIFICATION

Product name : Sikaflex SL 2 Part A slope grade limestone Formerly MSeal

SL 2 slope grade limestone

Product code : 00000000055391825

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 : Product for construction chemicals

Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Flammable liquids : Category 3

Carcinogenicity (Inhalation) : Category 1A

GHS label elements

Hazard pictograms :





Signal Word : Danger

Hazard Statements : H226 Flammable liquid and vapour.

H350 May cause cancer.

Precautionary Statements : Prevention:

P280 Wear protective gloves/ protective clothing/ eye protection/

face protection.

P201 Obtain special instructions before use.

P210 Keep away from heat, hot surfaces, sparks, open flames

and other ignition sources. No smoking.

P202 Do not handle until all safety precautions have been read

and understood.

P243 Take action to prevent static discharges.



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P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P242 Use only non-sparking tools.

P241 Use explosion-proof electrical/ ventilating/ lighting equip-

ment.

Response:

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. P370 + P378 In case of fire: Use water spray, alcohol-resistant

foam, dry chemical or carbon dioxide to extinguish. P308 + P311 IF exposed or concerned: Call a POISON

CENTER/ doctor.

Storage:

P405 Store locked up.

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

Disposal:

P501 Dispose of contents/container to appropriate hazardous waste collection point.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : polyurethane

inorganic compounds

Components

| Chemical name | CAS-No. | Concentration (% w/w) |
|--------------------------------|------------|-----------------------|
| Limestone | 1317-65-3 | >= 10 - < 25 |
| calcium carbonate | 471-34-1 | >= 10 - < 20 |
| Stoddard solvent | 8052-41-3 | >= 5 - < 10 |
| Ethylenediamine, propoxylated | 25214-63-5 | >= 1 - < 5 |
| Titanium dioxide | 13463-67-7 | >= 1 - < 5 |
| stearic acid | 57-11-4 | >= 0.3 - < 3 |
| calcium oxide | 1305-78-8 | >= 0.3 - < 1 |
| trimethoxy(3- | 2530-83-8 | >= 0.2 - < 1 |
| (oxiranylmethoxy)propyl)silane | | |
| Quartz (SiO2) | 14808-60-7 | >= 0 - < 0.3 |

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.

Show this material safety data sheet to the doctor in attend-

ance.

Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical



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advice.

If symptoms persist, call a physician.

In case of skin contact : If on skin, rinse well with water.

If on clothes, remove clothes.

In case of eye contact : Flush eyes with water as a precaution.

Remove contact lenses. Protect unharmed eye.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician. Take victim immediately to hospital.

Most important symptoms and effects, both acute and

delayed

May cause cancer.

Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Foam

Water spray Dry powder

Carbon dioxide (CO2)

Unsuitable extinguishing

media

water jet

Specific hazards during fire

fighting

Do not allow run-off from fire fighting to enter drains or water

courses.

Further information : Collect contaminated fire extinguishing water separately. This

must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

For safety reasons in case of fire, cans should be stored sepa-

rately in closed containments.

Use a water spray to cool fully closed containers.

Special protective equipment:

for fire-fighters

Wear self-contained breathing apparatus for firefighting if nec-

essary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emer-

Use personal protective equipment. Remove all sources of ignition.



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gency procedures Evacuate personnel to safe areas.

Beware of vapors accumulating to form explosive concentra-

tions. Vapors can accumulate in low areas.

Environmental precautions : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

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).

SECTION 7. HANDLING AND STORAGE

Advice on protection against :

fire and explosion

Product is not explosive.

Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge

(which might cause ignition of organic vapors).

Keep away from open flames, hot surfaces and sources of

ignition.

Advice on safe handling : Avoid formation of aerosol.

Do not breathe vapors/dust.

Avoid exposure - obtain special instructions before use.

Avoid contact with skin and eyes. For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the ap-

plication area.

Take precautionary measures against static discharges.

Provide sufficient air exchange and/or exhaust in work rooms.

Open drum carefully as content may be under pressure.

Dispose of rinse water in accordance with local and national

regulations.

Conditions for safe storage : no smoking

Keep container tightly closed in a dry and well-ventilated

place.

Containers which are opened must be carefully resealed and

kept upright to prevent leakage. Observe label precautions.

Electrical installations / working materials must comply with

the technological safety standards.

Further information on stor-

age conditions

Keep only in the original container in a cool, dry, well-

ventilated place away from ignition sources, heat or flame.

Protect from direct sunlight.

Materials to avoid : Observe TRGS 509/510 storage rules.



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Further information on stor-

age stability

No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|-------------------|-----------|--|--|--------------------------------------|
| stearic acid | 57-11-4 | TWA value (Inhalable fraction) | 10 mg/m3 | ACGIHTLV |
| | | TWA value (Respirable fraction) | 3 mg/m3 | ACGIHTLV |
| | | TWA (Inhal- able particu- late matter) | 10 mg/m3 | ACGIH |
| | | TWA (Respirable particulate matter) | 3 mg/m3 | ACGIH |
| calcium carbonate | 471-34-1 | REL value (Total) | 10 mg/m3 | NIOSH |
| | | REL value (Respirable) | 5 mg/m3 | NIOSH |
| | | PEL (Respirable fraction) | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | PEL (Total dust) | 15 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA (Respirable) | 5 mg/m3 (Calcium car- bonate) | NIOSH REL |
| | | TWA (total) | 10 mg/m3 (Calcium car- bonate) | NIOSH REL |
| calcium oxide | 1305-78-8 | TWA value | 2 mg/m3 | ACGIHTLV |
| | | REL value | 2 mg/m3 | NIOSH |
| | | PEL | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value | 5 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA | 2 mg/m3 | ACGIH |
| | | TWA | 2 mg/m3 | NIOSH REL |
| | | TWA | 5 mg/m3 | OSHA Z-1 |
| | | TWA | 5 mg/m3 | OSHA P0 |
| Limestone | 1317-65-3 | REL value | 5 mg/m3 | NIOSH |



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|------------------|------------|----------------------|--------------------------------|---------------|
| | | (Respirable) | 40 | NICOLI |
| | | REL value (Total) | 10 mg/m3 | NIOSH |
| | | PEL (Respir- | 5 mg/m3 | 29 CFR |
| | | able fraction) | | 1910.1000 |
| | | | | (Table Z-1) |
| | | PEL (Total | 15 mg/m3 | 29 CFR |
| | | dust) | | 1910.1000 |
| | | | | (Table Z-1) |
| | | TWA value | 5 mg/m3 | 29 CFR |
| | | (Respirable | | 1910.1000 |
| | | fraction) | | (Table Z-1-A) |
| | | TWA value | 15 mg/m3 | 29 CFR |
| | | (Total dust) | | 1910.1000 |
| | | | | (Table Z-1-A) |
| | | TWA (total dust) | 15 mg/m3 | OSHA Z-1 |
| | | TWA (respir- | 5 mg/m3 | OSHA Z-1 |
| | | able fraction) | | |
| | | TWA (Total | 15 mg/m3 | OSHA P0 |
| | | dust) | | |
| | | TWA (respir- | 5 mg/m3 | OSHA P0 |
| | | able dust | | |
| | | fraction) | | |
| | | TWA (Res- | 5 mg/m3 | NIOSH REL |
| | | pirable) | (Calcium car- | |
| | | , , | bonate) | |
| | | TWA (total) | 10 mg/m3 | NIOSH REL |
| | | , , | (Calcium car- | |
| | | | bonate) | |
| Titanium dioxide | 13463-67-7 | TWA value | 10 mg/m3 | ACGIHTLV |
| | | PEL (Total | 15 mg/m3 | 29 CFR |
| | | dust) | | 1910.1000 |
| | | | | (Table Z-1) |
| | | TWA value | 10 mg/m3 | 29 CFR |
| | | (Total dust) | | 1910.1000 |
| | | | | (Table Z-1-A) |
| | | TWA (total dust) | 15 mg/m3 | OSHA Z-1 |
| | | TWA (Total | 10 mg/m3 | OSHA P0 |
| | | dust) | 40 / 0 | 40011 |
| | | TWA | 10 mg/m3 (Titanium dioxide) | ACGIH |
| Quartz (SiO2) | 14808-60-7 | TWA value | 0.025 mg/m3 | ACGIHTLV |
| | | (Respirable | | |
| | | fraction) | | |
| | | TWA value | 0.05 mg/m3 | 29 CFR |
| | | | (Respirable dust) | 1910.1001- |
| | | | , | 1050 |
| | | OSHA Action | 0.025 mg/m3 | 29 CFR |
| | | level | (Respirable dust) | 1910.1001- |
| | | | | 1050 |



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| | | REL value (Respirable dust) | 0.05 mg/m3 | NIOSH |
|------------------|-----------|--|-------------------------|--------------------------------------|
| | | TWA (Respirable dust) | 0.05 mg/m3 | OSHA Z-1 |
| | | TWA (respirable) | 10 mg/m3 / %SiO2+2 | OSHA Z-3 |
| | | TWA (respirable) | 250 mppcf / %SiO2+5 | OSHA Z-3 |
| | | TWA (respirable dust fraction) | 0.1 mg/m3 | OSHA P0 |
| | | TWA (Res- pirable par- ticulate mat- ter) | 0.025 mg/m3 (Silica) | ACGIH |
| | | PEL (respir- able) | 0.05 mg/m3 | OSHA CARC |
| | | TWA (Respirable dust) | 0.05 mg/m3 (Silica) | NIOSH REL |
| Stoddard solvent | 8052-41-3 | TWA value | 100 ppm | ACGIHTLV |
| | | REL value | 350 mg/m3 | NIOSH |
| | | Ceil_Time | 1,800 mg/m3 | NIOSH |
| | | PEL | 500 ppm 2,900 mg/m3 | 29 CFR 1910.1000 (Table Z-1) |
| | | TWA value | 100 ppm 525 mg/m3 | 29 CFR 1910.1000 (Table Z-1-A) |
| | | TWA | 100 ppm | ACGIH |
| | | TWA | 350 mg/m3 | NIOSH REL |
| | | С | 1,800 mg/m3 | NIOSH REL |
| | | TWA | 500 ppm 2,900 mg/m3 | OSHA Z-1 |
| | | TWA | 100 ppm 525 mg/m3 | OSHA P0 |

Engineering measures : No applicable information available.

Personal protective equipment

Respiratory protection : Wear respiratory protection if ventilation is inadequate.

Wear a NIOSH-certified (or equivalent) organic va-

pour/particulate respirator.

Hand protection

Remarks : The suitability for a specific workplace should be discussed

with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water

Tightly fitting safety goggles



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Skin and body protection : Impervious clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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 or drink.

When using do not smoke.

Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : various colours

Odor : solvent

pH : slightly alkaline

Melting point : No applicable information available.

Boiling point : 307.99 - 484.00 °F / 153.33 - 251.11 °C

Evaporation rate : No applicable information available.

Flammability (solid, gas) : Flammable liquid

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 applicable information available.

Density : 1.00 g/cm3 (68 °F / 20 °C)

Solubility(ies)

Water solubility : slightly soluble



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Solubility in other solvents : No applicable information available.

Partition coefficient: n-

octanol/water

No data available.

Autoignition temperature : No data available

Decomposition temperature : No decomposition if stored and handled as pre-

scribed/indicated.

Viscosity

Viscosity, dynamic : No applicable information available.

Viscosity, kinematic : No applicable information available.

Oxidizing properties : Based on its structural properties the product is not classified

as oxidizing.

Sublimation point : No applicable information available.

Molecular weight : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reac-

tions

No decomposition if stored and applied as directed.

Vapors may form explosive mixture with air.

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.

Product:

Acute oral toxicity : Remarks: No applicable information available.

Acute inhalation toxicity : Remarks: No applicable information available.



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Acute dermal toxicity : Remarks: No applicable information available.

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.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Components:

stearic acid:

Not applicable

Further information

Product:

Remarks : Solvents may degrease the skin.

The product has not been tested. The statement has been derived from the properties of the individual components.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Ethylenediamine, propoxylated:

Toxicity to fish : LC50 (golden orfe): approx. 4,600 mg/l



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Exposure time: 96 h Test Type: static Analytical monitoring: no Method: Fish test acute

GLP: no

Remarks: The details of the toxic effect relate to the nominal

concentration.

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna): > 100 mg/l

Exposure time: 48 h Test Type: static

Analytical monitoring: yes

Method: Daphnia sp., Acute Immobilisation Test.

GLP: yes

Remarks: Nominal values (confirmed by concentration control

analytics)

Based on data from similar materials

EC50 (Daphnia magna): > 100 mg/l

Exposure time: 48 h

Method: Acute toxicity for daphnia.

Remarks: The details of the toxic effect relate to the nominal

concentration.

Toxicity to algae/aquatic

plants

EC50 (green algae): 150 mg/l

End point: Growth rate Exposure time: 72 h Test Type: static

Analytical monitoring: yes Method: Algal inhibition test

GLP: yes

Remarks: The statement of the toxic effect relates to the ana-

lytically determined concentration.

Toxicity to microorganisms

EC50 (activated sludge, domestic): > 1,000 mg/l

Exposure time: 180 min Test Type: aerobic

Method: Activated Sludge, Respiration Inhibition Test.

GLP: yes

Remarks: The details of the toxic effect relate to the nominal

concentration.

Based on data from similar materials

EC50 (activated sludge, domestic): > 10,000 mg/l

Exposure time: 3 h
Test Type: aquatic
Analytical monitoring: no

Method: Activated Sludge, Respiration Inhibition Test.

GLP: yes

Remarks: Nominal concentration.

EC50 (activated sludge, domestic): 700 mg/l

Exposure time: 0.5 h Test Type: aquatic



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Method: Activated Sludge, Respiration Inhibition Test. Remarks: The details of the toxic effect relate to the nominal

concentration.

Persistence and degradability

Components:

Ethylenediamine, propoxylated:

Biodegradability : Inoculum: activated sludge, domestic

Biodegradation: 9 % Exposure time: 28 d Method: respirometric test

Bioaccumulative potential

Components:

Stoddard solvent:

Partition coefficient: n- : log Pow: 3.5 - 6.4 (68 °F / 20 °C)

octanol/water Method: Partition coefficient (n-octanol/water), HPLC method.

Ethylenediamine, propoxylated:

Bioaccumulation : Remarks: Because of the n-octanol/water distribution coeffi-

cient (log Pow) accumulation in organisms is not to be ex-

pected.

stearic acid:

Partition coefficient: n-

octanol/water

Remarks: No data available.

log Pow: 8.23

Method: other (measured)

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological infor-

mation

There is a high probability that the product is not acutely

harmful to aquatic organisms.

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 chemi-

cal 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 sub-

stance/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

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)

(cargo : 366

Packing instruction (passen- : 355

ger aircraft)

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.

(STODDARD SOLVENT)

Class : C Packing group : III



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Labels : Combustible Liquid

ERG Code : 128 Marine pollutant : no

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

| Components | CAS-No. | Component RQ Calculated produ | |
|-------------------------------|---------|-------------------------------|-------|
| | | (lbs) | (lbs) |
| Hydrocarbons, C3-4; Petroleum | 75-28-5 | 100 | 38460 |
| gas | | | |

US State Regulations

Pennsylvania Right To Know

| calcium carbonate | 471-34-1 |
|-------------------|------------|
| Limestone | 1317-65-3 |
| Titanium dioxide | 13463-67-7 |
| Stoddard solvent | 8052-41-3 |
| Carbon black | 1333-86-4 |

New Jersey Right To Know

| Limestone | 1317-65-3 |
|------------------|------------|
| Titanium dioxide | 13463-67-7 |
| Stoddard solvent | 8052-41-3 |
| Quartz (SiO2) | 14808-60-7 |

California Prop. 65

WARNING: This product can expose you to chemicals including lead, Titanium dioxide, Quartz (SiO2), Carbon black, 1,1-dichloroethylene, acrylonitrile, toluene, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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

DSL : All components of this product are on the Canadian DSL

TSCA : All chemical substances in this product are either listed as

active on the TSCA Inventory or are in compliance with a

TSCA Inventory exemption.

SECTION 16. OTHER INFORMATION

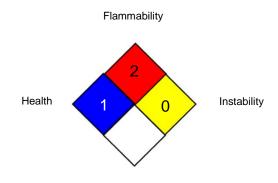
Further information



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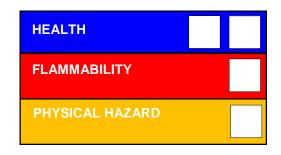
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NFPA 704:



Special hazard

HMIS® IV:



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

29 CFR 1910.1000 (Table Z- : OSHA - Table Z-1-A (29 CFR 1910.1000)

1-A)

29 CFR 1910.1000 (Table Z- : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR

1910.1000

29 CFR 1910.1001-1050 : OSHA - Specifically Regulated Substances (29 CFR

1910.1001-1050)

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

ACGIHTLV : American Conference of Governmental Industrial Hygienists -

threshold limit values (US)

NIOSH : NIOSH Pocket Guide to Chemical Hazards (US)
NIOSH REL : USA. NIOSH Recommended Exposure Limits

OSHA CARC : OSHA Specifically Regulated Chemicals/Carcinogens OSHA P0 : USA. OSHA - TABLE Z-1 Limits for Air Contaminants -

1910.1000

OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim-

its for Air Contaminants

OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Min-

eral Dusts

29 CFR 1910.1000 (Table Z- : Time Weighted Average (TWA):

1-A) / TWA value

29 CFR 1910.1000 (Table Z- : Permissible exposure limit

1) / PEL

29 CFR 1910.1001-1050 / : OSHA Action level:

OSHA Action level

29 CFR 1910.1001-1050 / : Time Weighted Average (TWA):

TWA value

ACGIH / TWA : 8-hour, time-weighted average ACGIHTLV / TWA value : Time Weighted Average (TWA):

NIOSH / Ceil Time : Ceiling Limit Value and Time Period (if specified):

NIOSH / REL value : Recommended exposure limit (REL):

NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour

workday during a 40-hour workweek



Sikaflex SL 2 Part A slope grade limestone Formerly MSeal SL 2 slope grade limestone

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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

AICS - Australian Inventory of Chemical Substances; 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 - International 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; 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

Revision Date : 02/25/2021

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