

# SAFETY DATA SHEET

## Sikaflex-900 off white 221 Formerly MSeal 900 Off Wht 221



Version 1.0      Revision Date: 08/04/2020      SDS Number: 000000260941      Date of last issue: -  
Date of first issue: 08/04/2020

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### SECTION 1. IDENTIFICATION

Product name : Sikaflex-900 off white 221 Formerly MSeal 900 Off Wht 221  
Product code : 000000000057627047

#### 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.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with 29 CFR 1910.1200

No need for classification according to GHS criteria for this product.

#### GHS label elements

The product does not require a hazard warning label in accordance with GHS criteria.

#### Other hazards

No data available.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : No applicable information available.

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
Titanium dioxide	13463-67-7	>= 25 - < 50
aluminium hydroxide	21645-51-2	>= 1 - < 3

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### SECTION 4. FIRST AID MEASURES

General advice : Remove contaminated clothing.  
Do not leave the victim unattended.

If inhaled : Keep patient calm, remove to fresh air.

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- If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : Wash thoroughly with soap and water
- In case of eye contact : Wash affected eyes for at least 15 minutes under running water with eyelids held open.
- Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Rinse mouth and then drink 200-300 ml of water.
- 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.
- Most important symptoms and effects, both acute and delayed : None known.
- Notes to physician : Treat symptomatically.
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### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray  
Foam  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire fighting : See SDS section 10 - Stability and reactivity.
- Hazardous combustion products : harmful vapours  
nitrogen oxides  
fumes/smoke  
carbon black  
carbon oxides
- Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

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### 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 : If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.
- Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage 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 : No applicable information available.  
No materials to be especially mentioned.
- Further information on storage stability : No data available

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Titanium dioxide	13463-67-7	TWA value	10 mg/m3	ACGIHTLV
		PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value (Total dust)	10 mg/m3	29 CFR 1910.1000

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				(Table Z-1-A)
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA	10 mg/m3 (Titanium dioxide)	ACGIH
aluminium hydroxide	21645-51-2	TWA value (Respirable fraction)	1 mg/m3	ACGIHTLV
		TWA (Respirable particulate matter)	1 mg/m3 (Aluminum)	ACGIH

**Engineering measures** : No applicable information available.

### Personal protective equipment

Respiratory protection : Wear respiratory protection if ventilation is inadequate.

Hand protection

Remarks : impermeable gloves rubber Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Safety glasses

Skin and body protection : Protective 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 : General industrial hygiene practice.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : paste

Color : ivory colour

Odor : odorless

Odor Threshold : No data available

pH : neutral to slightly alkaline

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- Melting point : No applicable information available.
- Boiling point : No applicable information available.
- Flash point : > 450 °F / > 232 °C  
Method: Flash-Point by Pensky-Martens Closed Cup Tester.  
> 450 °F / > 232 °C
- Evaporation rate : not determined
- Flammability (solid, gas) : not determined
- Self-ignition : not self-igniting
- Upper explosion limit / Upper flammability limit : No applicable information available.
- Lower explosion limit / Lower flammability limit : dropped
- Vapor pressure : No applicable information available.
- Relative vapor density : Heavier than air.
- Relative density : No applicable information available.
- Density : 13.33 lb/USg (72 °F / 22 °C)
- Solubility(ies)
  - Water solubility : insoluble (59 °F / 15 °C)
  - 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 prescribed/indicated.
- Viscosity
  - Viscosity, dynamic : not determined
  - Viscosity, kinematic : No applicable information available.
- Explosive properties : Not explosive  
Not explosive
- Oxidizing properties : Based on its structural properties the product is not classified

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as oxidizing.

Sublimation point : No applicable information available.

Molecular weight : No data available

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### 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 reactions : Stable under recommended storage conditions.  
No hazards to be specially mentioned.

Conditions to avoid : See SDS section 7 - Handling and storage.

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.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity : ATE: > 5,000 mg/kg  
ATE: > 5,000 mg/kg

Acute inhalation toxicity : ATE: > 20.0000 mg/l  
Remarks: Determined for vapor  
ATE: > 5.0000 mg/l  
Remarks: Determined for mist

Acute dermal toxicity : ATE: > 5,000 mg/kg  
ATE: > 5,000 mg/kg

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Not classified based on available information.

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### 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

Not classified based on available information.

#### 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.

#### Product:

No aspiration hazard expected.

### Further information

#### Product:

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

Remarks : No data available

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data available

### Persistence and degradability

No data available

### Bioaccumulative potential

#### Components:

#### Titanium dioxide:

Partition coefficient: n-octanol/water : Remarks: not applicable

#### aluminium hydroxide:

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Partition coefficient: n-octanol/water : Remarks: The value has not been determined because the substance is inorganic.

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Additional ecological information : 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 regulations. Do not discharge into drains/surface waters/groundwater. Residues should be disposed of in the same manner as the substance/product.

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

Not regulated as a dangerous good

#### IATA-DGR

Not regulated as a dangerous good

#### IMDG-Code

Not regulated as a dangerous good

### 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

Not regulated as a dangerous good



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### SECTION 15. REGULATORY INFORMATION

#### California Prop. 65

WARNING: This product can expose you to chemicals including carbon black, which is/are known to the State of California to cause cancer, and toluene, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

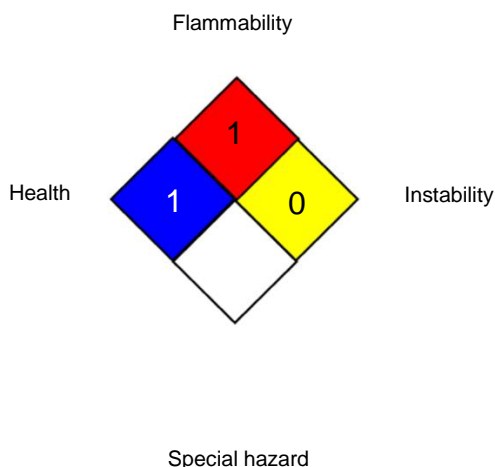
**The ingredients of this product are reported in the following inventories:**

TSCA : On the inventory, or in compliance with the inventory

### SECTION 16. OTHER INFORMATION

#### Further information

##### 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

- 29 CFR 1910.1000 (Table Z-1-A) : OSHA - Table Z-1-A (29 CFR 1910.1000)
- 29 CFR 1910.1000 (Table Z-1) : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000
- ACGIH : USA. ACGIH Threshold Limit Values (TLV)
- ACGIHTLV : American Conference of Governmental Industrial Hygienists - threshold limit values (US)
- OSHA P0 : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
- OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
- 29 CFR 1910.1000 (Table Z-1) : Time Weighted Average (TWA):

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1-A) / TWA value  
29 CFR 1910.1000 (Table Z-1) / PEL  
ACGIH / TWA : 8-hour, time-weighted average  
ACGIHTLV / TWA value : Time Weighted Average (TWA):  
OSHA P0 / TWA : 8-hour time weighted average  
OSHA Z-1 / 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

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