

# SAFETY DATA SHEET

## Sikaflex-900 custom color Formerly MSeal 900 custom



Version 1.0      Revision Date: 10/23/2020      SDS Number: 000000274144      Date of last issue: -  
Date of first issue: 10/23/2020

### SECTION 1. IDENTIFICATION

Product name : Sikaflex-900 custom color Formerly MSeal 900 custom  
Product code : 000000000057618620

#### 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

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

#### GHS label elements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

#### Other hazards

No data available.

### 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	$\geq 20$ - $< 50$
Iron oxide	1309-37-1	$\geq 5$ - $< 10$
C.I. Pigment Blue 15	147-14-8	$\geq 3$ - $< 5$
Carbon black	1333-86-4	$\geq 1$ - $< 3$
aluminium hydroxide	21645-51-2	$\geq 0$ - $< 3$

### SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.  
Consult a physician.  
Show this material safety data sheet to the doctor in attend-

# SAFETY DATA SHEET

## Sikaflex-900 custom color Formerly MSeal 900 custom



Version 1.0	Revision Date: 10/23/2020	SDS Number: 000000274144	Date of last issue: - Date of first issue: 10/23/2020
----------------	------------------------------	-----------------------------	--

- ance.  
Do not leave the victim unattended.
- If inhaled : No applicable information available.
- 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  
Under no circumstances should organic solvent be used.  
If irritation develops, seek medical attention.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.  
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Continue rinsing eyes during transport to hospital.  
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 induce vomiting.  
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 : None known.
- Notes to physician : Treat symptomatically.

### 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 : 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.

# SAFETY DATA SHEET

## Sikaflex-900 custom color Formerly MSeal 900 custom



Version 1.0	Revision Date: 10/23/2020	SDS Number: 000000274144	Date of last issue: - Date of first issue: 10/23/2020
----------------	------------------------------	-----------------------------	--

Special protective equipment : Wear self-contained breathing apparatus for firefighting if necessary for fire-fighters

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Avoid dust formation.  
Avoid breathing dust.

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 : Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Avoid dust formation.  
Provide appropriate exhaust ventilation at places where dust is formed.

Advice on safe handling : Avoid formation of respirable particles.  
Do not breathe vapors/dust.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
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, well-ventilated place.  
Protect from direct sunlight.  
Store protected against freezing.

Materials to avoid : No applicable information available.

Further information on storage stability : No data available

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

# SAFETY DATA SHEET

## Sikaflex-900 custom color Formerly MSeal 900 custom



Version 1.0      Revision Date: 10/23/2020      SDS Number: 000000274144      Date of last issue: -  
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Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
C.I. Pigment Blue 15	147-14-8	TWA value (fumes/smoke)	0.2 mg/m3 (copper (Cu))	ACGIHTLV
		TWA value (Dust and mist)	1 mg/m3 (copper (Cu))	ACGIHTLV
		REL value (Dust and mist)	1 mg/m3 (copper (Cu))	NIOSH
		REL value (fumes/smoke)	0.1 mg/m3 (copper (Cu))	NIOSH
		TWA	1 mg/m3 (Copper)	NIOSH REL
Iron oxide	1309-37-1	TWA value (Respirable fraction)	5 mg/m3	ACGIHTLV
		REL value (Dust and fume)	5 mg/m3 (iron (Fe))	NIOSH
		PEL (fumes/smoke)	10 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value (fumes/smoke)	10 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA (Respirable particulate matter)	5 mg/m3	ACGIH
		TWA (dust and fume)	5 mg/m3 (Iron)	NIOSH REL
		TWA (Fumes)	10 mg/m3	OSHA Z-1
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Fumes)	10 mg/m3	OSHA P0
Carbon black	1333-86-4	TWA value (Inhalable fraction)	3 mg/m3	ACGIHTLV
		PEL	3.5 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value	3.5 mg/m3	29 CFR 1910.1000 (Table Z-1-A)

# SAFETY DATA SHEET

## Sikaflex-900 custom color Formerly MSeal 900 custom



Version 1.0      Revision Date: 10/23/2020      SDS Number: 000000274144      Date of last issue: -  
Date of first issue: 10/23/2020

		REL value	0.1 mg/m3 (Polycyclic aromatic hydrocarbons (PAH))	NIOSH
		TWA (Inhalable particulate matter)	3 mg/m3	ACGIH
		TWA	3.5 mg/m3	NIOSH REL
		TWA	3.5 mg/m3	OSHA Z-1
		TWA	3.5 mg/m3	OSHA P0
		TWA	0.1 mg/m3 (PAHs)	NIOSH REL
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 (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 : 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  
Wear face-shield and protective suit for abnormal processing problems.

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

Protective measures : Avoid contact with the skin, eyes and clothing.  
No special measures necessary if stored and handled cor-

# SAFETY DATA SHEET

## Sikaflex-900 custom color Formerly MSeal 900 custom



Version 1.0	Revision Date: 10/23/2020	SDS Number: 000000274144	Date of last issue: - Date of first issue: 10/23/2020
----------------	------------------------------	-----------------------------	--

rectly.  
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	: paste
Color	: various colours
Odor	: slight odour
Odor Threshold	: No data available
pH	: neutral to slightly alkaline
Melting point	: No applicable information available.
Boiling point	: No data available.
Flash point	: 379.99 °F / 193.33 °C  Method: Flash-Point by Pensky-Martens Closed Cup Tester. 379.99 °F / 193.33 °C  Method: Flash-Point by Pensky-Martens Closed Cup Tester.
Evaporation rate	: No applicable information available.
Flammability (solid, gas)	: not highly flammable Method: derived from flash point
Self-ignition	: not self-igniting
Upper explosion limit / Upper flammability limit	: No data available.
Lower explosion limit / Lower flammability limit	: No data available.
Vapor pressure	: No data available.
Relative vapor density	: Heavier than air.
Relative density	: > 1.00

# SAFETY DATA SHEET

## Sikaflex-900 custom color Formerly MSeal 900 custom



Version 1.0	Revision Date: 10/23/2020	SDS Number: 000000274144	Date of last issue: - Date of first issue: 10/23/2020
----------------	------------------------------	-----------------------------	--

Density	:	> 1.00 g/cm <sup>3</sup>
Solubility(ies)	:	
Water solubility	:	partly soluble
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	:	No data available.
Viscosity, kinematic	:	No applicable information available.
Explosive properties	:	Not explosive Not explosive
Oxidizing properties	:	Based on its structural properties the product is not classified as oxidizing.
Self-heating substances	:	No data available
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 reactions	:	No decomposition if stored and applied as directed.
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.

# SAFETY DATA SHEET

## Sikaflex-900 custom color Formerly MSeal 900 custom



Version 1.0	Revision Date: 10/23/2020	SDS Number: 000000274144	Date of last issue: - Date of first issue: 10/23/2020
----------------	------------------------------	-----------------------------	--

### 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.

Acute dermal toxicity : Remarks: No applicable information available.

#### Skin corrosion/irritation

Not classified based on available information.

#### Product:

Remarks : Extremely corrosive and destructive to tissue.

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Product:

Remarks : May cause irreversible eye damage.

#### 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.



# SAFETY DATA SHEET

## Sikaflex-900 custom color Formerly MSeal 900 custom



Version 1.0	Revision Date: 10/23/2020	SDS Number: 000000274144	Date of last issue: - Date of first issue: 10/23/2020
----------------	------------------------------	-----------------------------	--

### Components:

#### **C.I. Pigment Blue 15:**

Not applicable

#### **Carbon black:**

Not applicable

#### **aluminium hydroxide:**

Not applicable

### **Further information**

#### Product:

Remarks : No data available

## SECTION 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

No data available

### **Persistence and degradability**

#### Components:

#### **aluminium hydroxide:**

Biodegradability : Remarks: Not applicable

### **Bioaccumulative potential**

#### Components:

#### **Iron oxide:**

Partition coefficient: n-octanol/water : Remarks: Study scientifically not justified.

#### **C.I. Pigment Blue 15:**

Partition coefficient: n-octanol/water : log Pow: -1.0 (73 °F / 23 °C)  
Method: other (measured)

#### **Carbon black:**

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

#### **aluminium hydroxide:**

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

# SAFETY DATA SHEET

## Sikaflex-900 custom color Formerly MSeal 900 custom



Version 1.0	Revision Date: 10/23/2020	SDS Number: 000000274144	Date of last issue: - Date of first issue: 10/23/2020
----------------	------------------------------	-----------------------------	--

### 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 : Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with national, state and local regulations. 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

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

## SECTION 15. REGULATORY INFORMATION

### US State Regulations

#### Pennsylvania Right To Know

Titanium dioxide

13463-67-7

# SAFETY DATA SHEET

## Sikaflex-900 custom color Formerly MSeal 900 custom



Version 1.0	Revision Date: 10/23/2020	SDS Number: 000000274144	Date of last issue: - Date of first issue: 10/23/2020
----------------	------------------------------	-----------------------------	--

Carbon black	1333-86-4
Iron oxide listed	1309-37-1

### New Jersey Right To Know

Titanium dioxide	13463-67-7
Carbon black	1333-86-4
C.I. Pigment Blue 15	147-14-8
Iron oxide listed	1309-37-1

Special Hazard.

### California Prop. 65

WARNING: This product can expose you to chemicals including 2,2'-[(3,3'-Dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2,4-dimethylphenyl)-3-oxobutylamide], 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).

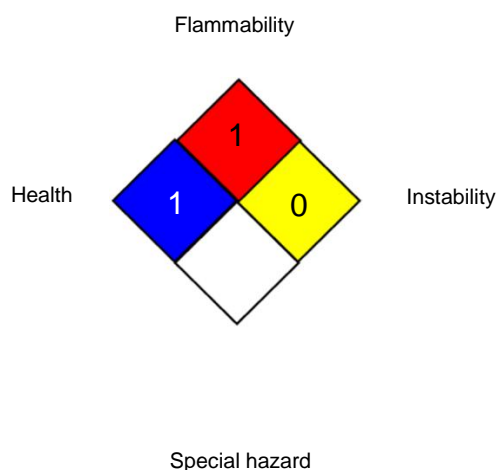
### The ingredients of this product are reported in the following inventories:

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

# SAFETY DATA SHEET

## Sikaflex-900 custom color Formerly MSeal 900 custom



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/23/2020	000000274144	Date of first issue: 10/23/2020

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

# SAFETY DATA SHEET

## Sikaflex-900 custom color Formerly MSeal 900 custom



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	10/23/2020	000000274144	Date of first issue: 10/23/2020

---

Revision Date : 10/23/2020

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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