

# SAFETY DATA SHEET

## Sikaflex HY 100 tint base Formerly MSeal NP 100 Tint Base



Version 1.0      Revision Date: 08/12/2020      SDS Number: 000000828243      Date of last issue: -  
Date of first issue: 08/12/2020

### SECTION 1. IDENTIFICATION

Product name : Sikaflex HY 100 tint base Formerly MSeal NP 100 Tint Base  
Product code : 000000000050513506

#### 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

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.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : No applicable information available.

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate	52829-07-9	>= 0.3 - < 1
N-(3-(Trimethoxysilyl)propyl)ethylenediamine	1760-24-3	>= 0.3 - < 1
dibutyltin dilaurate	77-58-7	>= 0.1 - < 0.2
ethylenediamine	107-15-3	>= 0 - < 1
stearic acid	57-11-4	>= 0.3 - < 3
calcium carbonate	471-34-1	>= 15 - < 50
Limestone	1317-65-3	>= 7 - < 20
Titanium dioxide	13463-67-7	>= 0 - < 3

# SAFETY DATA SHEET

## Sikaflex HY 100 tint base Formerly MSeal NP 100 Tint Base



Version 1.0      Revision Date: 08/12/2020      SDS Number: 000000828243      Date of last issue: -  
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---

### SECTION 4. FIRST AID MEASURES

- General advice : 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 : Remove contact lenses.  
Protect unharmed eye.  
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.
- 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.
-

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## Sikaflex HY 100 tint base Formerly MSeal NP 100 Tint Base



Version 1.0      Revision Date: 08/12/2020      SDS Number: 00000828243      Date of last issue: -  
Date of first issue: 08/12/2020

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

### SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Environmental precautions : Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

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

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, well-ventilated place. Protect from direct sunlight. Store protected against freezing.

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
stearic acid	57-11-4	TWA value (Inhalable fraction)	10 mg/m3	ACGIHTLV
		TWA value	3 mg/m3	ACGIHTLV

# SAFETY DATA SHEET

## Sikaflex HY 100 tint base Formerly MSeal NP 100 Tint Base



Version 1.0      Revision Date: 08/12/2020      SDS Number: 000000828243      Date of last issue: -  
Date of first issue: 08/12/2020

		(Respirable fraction)		
		TWA (Inhalable particulate matter)	10 mg/m3	ACGIH
		TWA (Respirable particulate matter)	3 mg/m3	ACGIH
dibutyltin dilaurate	77-58-7	TWA value	0.1 mg/m3 (tin (Sn))	ACGIHTLV
		STEL value	0.2 mg/m3 (tin (Sn))	ACGIHTLV
		REL value	0.1 mg/m3 (tin (Sn))	NIOSH
		PEL	0.1 mg/m3 (tin (Sn))	29 CFR 1910.1000 (Table Z-1)
		TWA value	0.1 mg/m3 (tin (Sn))	29 CFR 1910.1000 (Table Z-1-A)
		TWA	0.1 mg/m3 (Tin)	OSHA Z-1
		TWA	0.1 mg/m3 (Tin)	ACGIH
		STEL	0.2 mg/m3 (Tin)	ACGIH
		TWA	0.1 mg/m3 (Tin)	OSHA P0
		TWA	0.1 mg/m3 (Tin)	NIOSH REL
ethylenediamine	107-15-3	TWA value	10 ppm	ACGIHTLV
		REL value	10 ppm 25 mg/m3	NIOSH
		PEL	10 ppm 25 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value	10 ppm 25 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	10 ppm	ACGIH
		TWA	10 ppm 25 mg/m3	NIOSH REL
		TWA	10 ppm 25 mg/m3	OSHA Z-1
		TWA	10 ppm 25 mg/m3	OSHA P0
calcium carbonate	471-34-1	REL value (Total)	10 mg/m3	NIOSH
		REL value (Respirable)	5 mg/m3	NIOSH
		PEL (Respirable)	5 mg/m3	29 CFR

# SAFETY DATA SHEET

## Sikaflex HY 100 tint base Formerly MSeal NP 100 Tint Base



Version 1.0      Revision Date: 08/12/2020      SDS Number: 000000828243      Date of last issue: -  
Date of first issue: 08/12/2020

		able fraction)		1910.1000 (Table Z-1)
		PEL (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA (Respirable)	5 mg/m3 (Calcium carbonate)	NIOSH REL
		TWA (total)	10 mg/m3 (Calcium carbonate)	NIOSH REL
Limestone	1317-65-3	REL value (Respirable)	5 mg/m3	NIOSH
		REL value (Total)	10 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 value (Respirable fraction)	5 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA value (Total dust)	15 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA (total dust)	15 mg/m3	OSHA Z-1
		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
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	10 mg/m3	OSHA P0

# SAFETY DATA SHEET

## Sikaflex HY 100 tint base Formerly MSeal NP 100 Tint Base



Version 1.0      Revision Date: 08/12/2020      SDS Number: 000000828243      Date of last issue: -  
Date of first issue: 08/12/2020

		dust)		
		TWA	10 mg/m3 (Titanium dioxide)	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 : Avoid contact with the skin, eyes and clothing.  
No special measures necessary if stored and handled correctly.  
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 : white to off-white

Odor : faint odour

Odor Threshold : No data available

pH : not applicable

Melting point : No applicable information available.

Boiling range : not applicable

Flash point : 253.04 °F / 122.80 °C

Method: Standard Method of Test for Flash Point by Setaflash Closed Tester, closed cup

Evaporation rate : No applicable information available.



# SAFETY DATA SHEET

## Sikaflex HY 100 tint base Formerly MSeal NP 100 Tint Base



Version 1.0	Revision Date: 08/12/2020	SDS Number: 000000828243	Date of last issue: - Date of first issue: 08/12/2020
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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 : 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.

#### 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

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.



# SAFETY DATA SHEET

## Sikaflex HY 100 tint base Formerly MSeal NP 100 Tint Base



Version 1.0      Revision Date: 08/12/2020      SDS Number: 000000828243      Date of last issue: -  
Date of first issue: 08/12/2020

---

### Aspiration toxicity

Not classified based on available information.

### Product:

No aspiration hazard expected.

### Further information

### Product:

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:

#### **bis(2,2,6,6-tetramethyl-4-piperidyl)sebacate:**

Partition coefficient: n-octanol/water : log Pow: 0.35 (77 °F / 25 °C)  
pH: 7  
Method: Partition coefficient (n-octanol/water), Shake-flask method

#### **N-(3-(Trimethoxysilyl)propyl)ethylenediamine:**

Partition coefficient: n-octanol/water : log Pow: -0.82  
Method: other (calculated)

#### **dibutyltin dilaurate:**

Partition coefficient: n-octanol/water : log Pow: 3.17 (69.4 °F / 20.8 °C)  
pH: 6.1 - 6.3  
Method: Partition coefficient (n-octanol/water), Shake-flask method  
GLP: yes

#### **ethylenediamine:**

Partition coefficient: n-octanol/water : log Pow: -2 - -1.3  
Method: other (measured)  
GLP: no data

#### **stearic acid:**

Partition coefficient: n-octanol/water : Remarks: No data available.

# SAFETY DATA SHEET

## Sikaflex HY 100 tint base Formerly MSeal NP 100 Tint Base



Version 1.0      Revision Date: 08/12/2020      SDS Number: 00000828243      Date of last issue: -  
Date of first issue: 08/12/2020

---

log Pow: 8.23  
Method: other (measured)

### calcium carbonate:

Partition coefficient: n-octanol/water : GLP: no  
Remarks: The value has not been determined because the substance is inorganic.

### Titanium dioxide:

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

### 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.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.  
Dispose of in accordance with local authority regulations.  
Do not discharge into drains/surface waters/groundwater.  
Residues should be disposed of in the same manner as the substance/product.  
The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste.

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

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## SECTION 14. TRANSPORT INFORMATION

### International Regulations

#### UNRTDG

Not regulated as a dangerous good

#### IATA-DGR

# SAFETY DATA SHEET

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Version 1.0      Revision Date: 08/12/2020      SDS Number: 000000828243      Date of last issue: -  
Date of first issue: 08/12/2020

---

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

### US State Regulations

#### Pennsylvania Right To Know

calcium carbonate	471-34-1
Limestone	1317-65-3
Titanium dioxide	13463-67-7
Di-isononylphthalate	28553-12-0
bis(2-propylheptyl) phthalate	53306-54-0
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	68515-48-0

#### New Jersey Right To Know

calcium carbonate	471-34-1
Limestone	1317-65-3
Titanium dioxide	13463-67-7
bis(2-propylheptyl) phthalate	53306-54-0
Quartz (SiO <sub>2</sub> )	14808-60-7

#### California Prop. 65

WARNING: This product can expose you to chemicals including lead, 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](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

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## SECTION 16. OTHER INFORMATION

### Further information

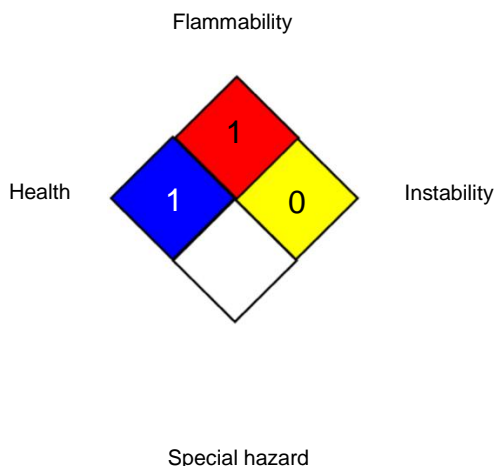
# SAFETY DATA SHEET

## Sikaflex HY 100 tint base Formerly MSeal NP 100 Tint Base

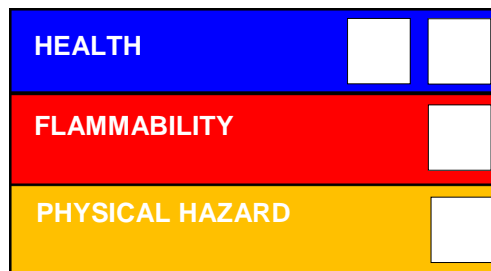


Version 1.0      Revision Date: 08/12/2020      SDS Number: 000000828243      Date of last issue: -  
Date of first issue: 08/12/2020

### NFPA 704:



### 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-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)
- 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
- ACGIH / STEL : Short-term exposure limit
- ACGIHTLV / STEL value : Short Term Exposure Limit (STEL):
- 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

# SAFETY DATA SHEET

## Sikaflex HY 100 tint base Formerly MSeal NP 100 Tint Base



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08/12/2020	00000828243	Date of first issue: 08/12/2020

---

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 : 08/12/2020

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# SAFETY DATA SHEET

## Sikaflex HY 100 tint base Formerly MSeal NP 100 Tint Base



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08/12/2020	00000828243	Date of first issue: 08/12/2020

---

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