Sikaflex HY 35 black Formerly MSeal HY 35 BLACK



Version 2.0

Revision Date: 03/15/2021

SDS Number: 960000009295

Date of last issue: 01/26/2021 Date of first issue: 01/26/2021

SECTION 1. IDENTIFICATION

Product name : Sikaflex HY 35 black Formerly MSeal HY 35 BLACK

Product code : 00000000058407857

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 29 CFR 1910.1200

Skin sensitization : Category 1

Reproductive toxicity : Category 1B

Short-term (acute) aquatic

hazard

Category 3

Long-term (chronic) aquatic

hazard

Category 3

GHS label elements

Hazard pictograms





Signal Word : Danger

Hazard Statements : H317 May cause an allergic skin reaction.

H360 May damage fertility or the unborn child. H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements : Prevention:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read

Sikaflex HY 35 black Formerly MSeal HY 35 BLACK



Version Revision Date: SDS Number: Date of last issue: 01/26/2021 2.0 03/15/2021 960000009295 Date of first issue: 01/26/2021

and understood.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P272 Contaminated work clothing must not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

Storage:

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

Chemical nature : Preparation based on:

polymers

inorganic compounds

Components

Chemical name	CAS-No.	Concentration (% w/w)
Limestone	1317-65-3	>= 30 - < 50
Titanium dioxide	13463-67-7	>= 1 - < 5
N-(3-	1760-24-3	>= 0.1 - < 1
(Trimethoxysi-		
lyl)propyl)ethylenediamine		
bis(1,2,2,6,6-pentamethyl-4-	41556-26-7	>= 0.1 - < 1
piperidyl)sebacate		
Carbon black	1333-86-4	>= 0.1 - < 1
Methyl 1,2,2,6,6-pentamethyl-4-	82919-37-7	>= 0.1 - < 1
piperidyl sebacate		
dibutyltin dilaurate	77-58-7	>= 0.1 - < 1

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice : First aid personnel should pay attention to their own safety.

Immediately remove contaminated clothing.





Version Revision Date: SDS Number: Date of last issue: 01/26/2021 2.0 03/15/2021 960000009295 Date of first issue: 01/26/2021

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

If symptoms persist, seek medical advice.

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 : Contact lenses should be removed. Hold eyelids open and

flush with copious amounts of clean, fresh water or a special

eyewash solution and seek medical advice.

If swallowed : Immediately rinse mouth and then drink 200-300 ml of water,

seek medical attention.

Do not induce vomiting unless told to by a poison control cen-

ter or doctor.

Most important symptoms

and effects, both acute and

delayed

May cause an allergic skin reaction.

May damage fertility or the unborn child.

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

Hazardous combustion prod-

ucts

harmful vapours

nitrogen oxides fumes/smoke carbon black

Further information : The degree of risk is governed by the burning substance and

the fire conditions.

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.

Contaminated extinguishing water must be disposed of in

accordance with official regulations.

Special protective equipment:

for fire-fighters

Wear a self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.





Version Revision Date: SDS Number: Date of last issue: 01/26/2021 2.0 03/15/2021 960000009295 Date of first issue: 01/26/2021

tive equipment and emergency procedures

Wear eye/face protection.

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 Pick up with suitable appliance and dispose of.

Dispose of absorbed material in accordance with regulations.

SECTION 7. HANDLING AND STORAGE

Advice on protection against :

fire and explosion

The product is neither self-ignitable, nor an explosion hazard,

nor does it promote fires.

Avoid inhalation of dusts/mists/vapours. Advice on safe handling

Avoid skin contact.

Ensure adequate ventilation.

No special measures necessary provided product is used

correctly.

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.

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	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 (respir-	5 mg/m3	OSHA Z-1



Sikaflex HY 35 black Formerly MSeal HY 35 BLACK

 Version
 Revision Date:
 SDS Number:
 Date of last issue: 01/26/2021

 2.0
 03/15/2021
 960000009295
 Date of first issue: 01/26/2021

I			1	1
		able fraction) TWA (Total	15 mg/m3	OSHA P0
		dust)	13 1119/1113	JOHAFU
		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 dust)	10 mg/m3	OSHA P0
		TWA	10 mg/m3	ACGIH
			(Titanium dioxide)	
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)
		REL value	0.1 mg/m3 (Polycyclic aromatic hydrocarbons (PAH))	NIOSH
		TWA (Inhal- able particu- late 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
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





Version	Revision Date:	SDS Number:	Date of last issue: 01/26/2021
2.0	03/15/2021	960000009295	Date of first issue: 01/26/2021

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

Engineering measures : Ensure adequate ventilation.

Personal protective equipment

Respiratory protection : Wear respiratory protection if ventilation is inadequate.

Wear a NIOSH-certified (or equivalent) respirator as neces-

sary.

Hand protection

Remarks : Chemical resistant protective gloves Manufacturer's direc-

tions for use should be observed because of great diversity of

types.

Eye protection : Safety glasses with side-shields.

Skin and body protection : Body protection must be chosen based on level of activity

and exposure.

Protective measures : Do not inhale dust/fumes/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.

Gloves must be inspected regularly and prior to each use.

Replace if necessary (e.g. pinhole leaks).

When using do not eat or drink.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Sikaflex HY 35 black Formerly MSeal HY 35 BLACK



Version 2.0

Revision Date: 03/15/2021

SDS Number: 960000009295

Date of last issue: 01/26/2021 Date of first issue: 01/26/2021

Appearance : paste

Color : various

Odor : mild, aromatic

Odor Threshold : not determined

pH : Not applicable

Melting point : Not applicable

Boiling point/boiling range : Not applicable

Flash point : 155.5 °F / 68.6 °C

Evaporation rate : No data available

Flammability (solid, gas) : The product is not flammable.

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 : No data available

Relative density : No data available

Density : 11.4 lb/gal

Solubility(ies)

Water solubility : insoluble $(59 \, ^{\circ}\text{F} / 15 \, ^{\circ}\text{C})$

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

No data available

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

scribed/indicated.

Viscosity

Viscosity, dynamic : 8,000 poise

Viscosity, kinematic : No data available

Sikaflex HY 35 black Formerly MSeal HY 35 BLACK



Version Revision Date: SDS Number: Date of last issue: 01/26/2021 2.0 03/15/2021 960000009295 Date of first issue: 01/26/2021

Explosive properties : Not explosive

Oxidizing properties : No data available

Sublimation point : No data available

Molecular weight : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No hazardous reactions if stored and handled as pre-

scribed/indicated.

Chemical stability : The product is stable if stored and handled as pre-

scribed/indicated.

Possibility of hazardous reac-

tions

The product is stable if stored and handled as pre-

scribed/indicated.

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.

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

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.





Version Revision Date: SDS Number: Date of last issue: 01/26/2021 2.0 03/15/2021 960000009295 Date of first issue: 01/26/2021

Carcinogenicity

Not classified based on available information.

IARC Group 2B: Possibly carcinogenic to humans

Titanium dioxide 13463-67-7

Group 2B: Possibly carcinogenic to humans

Carbon black 1333-86-4

Reproductive toxicity

May damage fertility or the unborn child.

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.

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.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Components:

Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:

M-Factor (Acute aquatic tox- : 1

icity)

M-Factor (Chronic aquatic :

toxicity)

dibutyltin dilaurate:

M-Factor (Acute aquatic tox- :

icity)

Sikaflex HY 35 black Formerly MSeal HY 35 BLACK



Version 2.0

Revision Date: 03/15/2021

SDS Number: 960000009295

Date of last issue: 01/26/2021 Date of first issue: 01/26/2021

Persistence and degradability

Product:

Biodegradability : Remarks: Taking into consideration the properties of several

ingredients, the product is estimated not to be readily biode-

gradable according to OECD classification.

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No data available.

Discharge into the environment must be avoided.

Mobility in soil
No data available

Other adverse effects

Product:

Additional ecological infor-

mation

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-

tions.

Do not discharge into drains/surface waters/groundwater. Do not contaminate ponds, waterways or ditches with chemi-

cal or used container.

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

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good



Sikaflex HY 35 black Formerly MSeal HY 35 **BLACK**

Version Revision Date: SDS Number: Date of last issue: 01/26/2021 2.0 03/15/2021 960000009295 Date of first issue: 01/26/2021

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

Limestone	1317-65-3
Di-isononylphthalate	28553-12-0
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters,	68515-48-0
C9-rich	

Titanium dioxide 13463-67-7 1,2,4-trimethylbenzene 95-63-6 cumene 98-82-8 xylene 1330-20-7 methanol 67-56-1

New Jersey Right To Know

Limestone 1317-65-3 Titanium dioxide 13463-67-7 Carbon black 1333-86-4

California Prop. 65

WARNING: This product can expose you to chemicals including Di-isononylphthalate, which is/are known to the State of California to cause cancer, and

1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich, 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.

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

TSCA : All substances listed as active on the TSCA inventory

DSL This product contains the following components that are not

on the Canadian DSL nor NDSL.

Proprietary Polymer

SECTION 16. OTHER INFORMATION

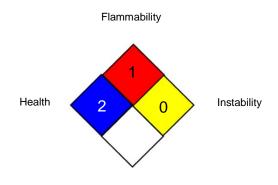
Further information





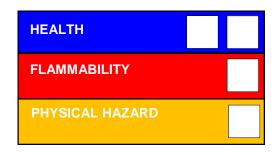
Version Revision Date: SDS Number: Date of last issue: 01/26/2021 2.0 03/15/2021 960000009295 Date of first issue: 01/26/2021

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

1) 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 PO : 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

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

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



Sikaflex HY 35 black Formerly MSeal HY 35 BLACK

 Version
 Revision Date:
 SDS Number:
 Date of last issue: 01/26/2021

 2.0
 03/15/2021
 960000009295
 Date of first issue: 01/26/2021

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 : 03/15/2021

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Sikaflex HY 35 black Formerly MSeal HY 35 BLACK

 Version
 Revision Date:
 SDS Number:
 Date of last issue: 01/26/2021

 2.0
 03/15/2021
 960000009295
 Date of first issue: 01/26/2021

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