SAFETY DATA SHEET

Sikaflex-900 brownberry 207 Formerly MSeal 900 Brb 207

BUILDING TRUST

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	09/01/2020	000000274191	Date of first issue: 09/01/2020

SECTION 1. IDENTIFICATION

Product name : Sikaflex-900 brownberry 207 Formerly MSeal 900 Brb 207

Product code : 000000000057618567

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)
Titanium dioxide	13463-67-7	>= 25 - < 50
aluminium hydroxide	21645-51-2	>= 0 - < 5
Iron oxide	1309-37-1	>= 1 - < 3
carbon black	1333-86-4	>= 0.2 - < 0.3

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.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Foam Dry powder Carbon dioxide (CO2)
Unsuitable extinguishing media	:	High volume water jet
Hazardous combustion products	:	harmful vapours nitrogen oxides fumes/smoke carbon black
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.

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
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 mat-	5 mg/m3	ACGIH

		ter)		
		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
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 : Wear impermeable chemical resistant protective gloves. 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	:	various colours
Odor	:	slight odour
Odor Threshold	:	No data available
pH	:	neutral to slightly alkaline
Melting point	:	No applicable information available.
boiling temperature	:	No data available.
Flash point	:	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
Bulk density	:	1,800 - 2,400 kg/m3
Solubility(ies)		
Water solubility	:	partly soluble
Solubility in other solvents	:	partly soluble
Partition coefficient: n-	:	No data available.

octanol/water

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	:	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.

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.

Aspiration toxicity
Not classified based on available information.

Product:
No aspiration hazard expected.

Further information

Product:
Remarks : No data available

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:

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

Iron oxide:

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

carbon black:

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.

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.

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

Iron oxide	1309-37-1
Silicon dioxide	7631-86-9
Titanium dioxide	13463-67-7

New Jersey Right To Know

Titanium dioxide	13463-67-7
carbon black	1333-86-4

California Prop. 65

WARNING: This product can expose you to chemicals including Titanium dioxide, 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.

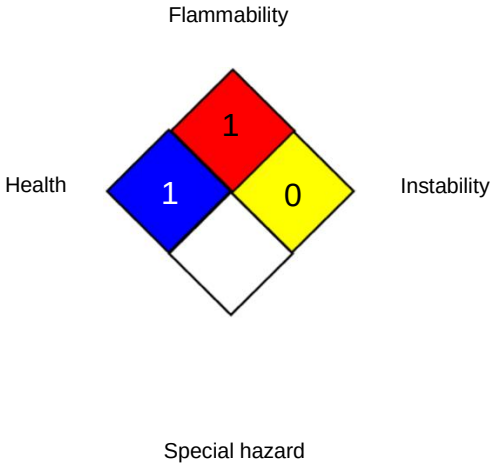
The ingredients of this product are reported in the following inventories:

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

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



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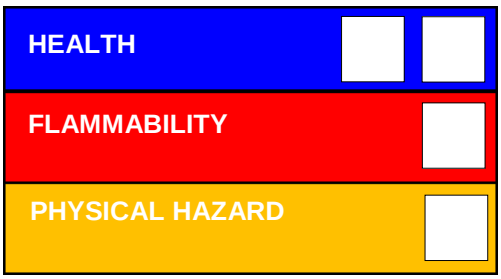

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

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
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 asso-

ciated 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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