# Sikaflex HY 150 medium bronze Formerly MSeal NP 150 Med Brz



Version 2.0	Revision Date: 07/24/2023		DS Number: 00000260963	Date of last issue: 08/06/2020 Date of first issue: 08/06/2020
SECTION	1. IDENTIFICATION			
Prod	uct name	:	Sikaflex HY 15 Brz	0 medium bronze Formerly MSeal NP 150 Med
Prod	uct code	:	000000000050	446481
Manu	ufacturer or supplier's	deta	ails	
Com	pany name of supplier	:	Sika MBCC US	LLC
Addro	ess	:	201 POLITO A Lyndhurst NJ 0	
Emei	rgency telephone	:	ChemTel: +1-8	13-248-0585
Reco	ommended use of the	cher	nical and restric	tions on use
Reco	mmended use	:	Sealant	
Rest	rictions on use	:	Reserved for in	dustrial and professional use.

### SECTION 2. HAZARDS IDENTIFICATION

# GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Eye irritation	:	Category 2A
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	:	
Hazard pictograms Signal Word	:	Danger

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		H402 Harmful to H412 Harmful to	o aquatic life. o aquatic life with long lasting effects.
Preca	utionary Statements	Prevention:	
		P202 Do not ha and understood P261 Avoid bre P272 Contamin the workplace. P273 Avoid rele P280 Wear prot face protection.	ecial instructions before use. ndle until all safety precautions have been read athing dust, fume, gas, mist, vapors or spray. ated work clothing must not be allowed out of ease to the environment. tective gloves/ protective clothing/ eye protection/ e, hands and any exposed skin thoroughly after
		for several minu to do. Continue P302 + P352 IF P308 + P313 IF attention. P333 + P313 If attention. P363 Wash cor	P338 IF IN EYES: Rinse cautiously with water utes. Remove contact lenses, if present and easy rinsing. ON SKIN: Wash with plenty of soap and water. exposed or concerned: Get medical advice/ skin irritation or rash occurs: Get medical advice/ ntaminated clothing before reuse. eye irritation persists: Get medical advice/ atten-
		Storage:	vod up
		P405 Store lock Disposal:	keu up.
		-	of contents/ container to an approved waste dis-
Other	hazards		
None	known.		

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

: Mixture based on: polymers Fillers

### Components

Chemical name	CAS-No.	Concentration (% w/w)
calcium carbonate	471-34-1	>= 30 - < 50
Limestone	1317-65-3	>= 5 - < 10
Octadecanoic acid, monoester with	31566-31-1	>= 1 - < 5
1,2,3-propanetriol		
Calcium distearate	1592-23-0	>= 1 - < 5



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	2,6,6-tetramethyl-4- dyl)sebacate		52829-07-9	>= 0.1 - < 1
Amino	oethyl aminopropyl tri	methoxy	1760-24-3	>= 0.1 - < 1
Carbo	on black		1333-86-4	>= 0.1 - < 1
Propr	ietary amide wax		Proprietary	>= 0.1 - < 1
Dibuty	yltin diacetyldiacetona	ate	22673-19-4	>= 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. Remove contaminated clothing.
If inhaled	:	If generated vapours are inhaled, move to fresh air. Seek medical attention.
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	:	Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist. Remove contact lenses, if present, after first 5 minutes, then continue rinsing for an additional 15 minutes.
If swallowed	:	Rinse mouth and then drink 200-300 ml of water. DO NOT induce vomiting unless directed to do so by a physi- cian or poison control center.
Most important symptoms and effects, both acute and delayed	:	Causes serious eye irritation. 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

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				the fire conditions Contaminated ext accordance with c	inguishing water must be disposed of in		
	Special protective equipment : Wear a self-contained breathing apparatus. for fire-fighters						
SECTI	ON 6. ACCID	ENTAL RELE	ASI	EMEASURES			
tiv	ersonal precative equipment a ency procedur		:	Use personal prot Handle in accorda and safety practic	nce with good building materials hygiene		
E	nvironmental p	precautions	:		ated water/firefighting water. into drains/surface waters/groundwater.		
	lethods and m ontainment an		:	Sweep/shovel up. Dispose of absorb	ed material in accordance with regulations.		

### SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Keep away from sources of ignition - No smoking. The relevant fire protection measures should be noted.
Advice on safe handling	:	Avoid contact with the skin, eyes and clothing.
Conditions for safe storage	:	Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight. Store protected against freezing.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
calcium carbonate	471-34-1	TWA (Res- pirable)	5 mg/m3 (Calcium car- bonate)	NIOSH REL
		TWA (total)	10 mg/m3 (Calcium car- bonate)	NIOSH REL
Limestone	1317-65-3	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respir- able fraction)	5 mg/m3	OSHA Z-1
		TWA (Total dust)	15 mg/m3	OSHA P0
		TWA (respir-	5 mg/m3	OSHA P0



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sion		SDS Number: 000000260963		at issue: 08/06/2020 at issue: 08/06/2020	
			able dust	1	1
			fraction)		
			TWA (Res-	5 mg/m3	NIOSH RE
			pirable)	(Calcium car-	
			pirable)	bonate)	
			TWA (total)	10 mg/m3	NIOSH RE
				(Calcium car-	
				bonate)	
Octad	ecanoic acid, monoester	31566-31-1	TWA value	10 mg/m3	ACGIHTLY
	,2,3-propanetriol	01000 01 1	(Inhalable	i o mg/mo	
with 1,			fraction)		
			TWA value	3 mg/m3	ACGIHTLY
			(Respirable	o mg/mo	
			fraction)		
			TWA (Inhal-	10 mg/m3	ACGIH
			able particu-		
			late matter)		1
			TWA (Res-	3 mg/m3	ACGIH
			pirable par-	5 mg/m5	
			ticulate mat-		
			ter)		
Calciu	im distearate	1592-23-0	TWA (Inhal-	10 mg/m3	ACGIH
Calciu	in distearate	1332-23-0	able particu-	TO ING/INS	
			late matter)		
			TWA (Res-	3 mg/m3	ACGIH
			pirable par-	o mg/mo	
			ticulate mat-		
			ter)		
Carbo	n black	1333-86-4	TWA (Inhal-	3 mg/m3	ACGIH
			able particu-	- <b>J</b>	
			late matter)		
			TWA	3.5 mg/m3	NIOSH RE
			TWA	3.5 mg/m3	OSHA Z-1
			TWA	3.5 mg/m3	OSHA P0
			TWA	0.1 mg/m3	NIOSH RE
				(PAHs)	
Dibutv	ltin diacetyldiacetonate	22673-19-4	TWA value	0.1 mg/m3	ACGIHTL
· · · · <b>·</b>	.,			(tin (Sn))	
			STEL value	0.2 mg/m3	ACGIHTL
				(tin (Sn))	
			REL value	0.1 mg/m3	NIOSH
				(tin (Sn))	
			PEL	0.1 mg/m3	29 CFR
				(tin (Sn))	1910.1000
					(Table Z-1
			TWA value	0.1 mg/m3	29 CFR
				(tin (Sn))	1910.1000
					(Table Z-1
		1	TWA	0.1 mg/m3	OSHA Z-1
				(Tin)	
			TWA	0.1 mg/m3	ACGIH



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				STEL	0.2 mg/m3 (Tin)	ACGIH	
				TWA	0.1 mg/m3 (Tin)	OSHA P0	
				TWA	0.1 mg/m3 (Tin)	NIOSH RE	
Engir	neering measures	:	Ensure adequ	uate ventilation			
Perso	onal protective equip	ment					
Respi	ratory protection	:	may be excee	eded.	espirator when exposu atory protection.	ire limits	
Hand	protection						
Re	emarks	:			e gloves. Manufacture rved because of grea		
Eye p	rotection	:	Wear safety g	glasses with sic	le shields or goggles.		
Skin a	and body protection	:	Body protecti and exposure		osen based on level of	factivity	
Protec	ctive measures	:	No special morectly. Handle in accord and safety pro-	easures neces cordance with g actice.	eyes and clothing. sary if stored and han good building materials hing is recommended.	s hygiene	
Hygie	ne measures	:	Hands and/or the end of the At the end of care agents a Gloves must	e shift. the shift the sk applied.	e washed before brea in should be cleaned a egularly and prior to ea	and skin-	

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	paste
Color	:	pigmented
Odor	:	odorless
Odor Threshold	:	Not applicable

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	рН		:	neutral to slightly	alkaline
	Melting	point	:	No data available	9
	Boiling	point	:	No data available	
	Flash p	point	:	does not flash	
	Evapor	ation rate	:	No data available	)
	Flamm	ability (solid, gas)	:	Not classified as	a flammability hazard
	Self-igr	nition	:	not self-igniting	
		explosion limit / Upper ability limit	:	No data available	
		explosion limit / Lower ability limit	:	No data available	
	Vapor p	oressure	:	No data available	
	Relativ	e vapor density	:	Heavier than air.	
	Relativ	e density	:	No data available	)
	Density	/	:	12.2 lb/USg (73 -	77 °F / 23 - 25 °C)
	Bulk de	ensity	:	approx. 1.5 g/cm	3
	Solubili Wat	ity(ies) ter solubility	:	slightly soluble	
	Solu	ubility in other solvents	:	No data available	
	Partitio octanol	n coefficient: n- I/water	:	not applicable for	mixtures
	Autoigr	nition temperature	:	No data available	9
	Decom	position temperature	:	No decompositio scribed/indicated	n if stored and handled as pre-
	Viscosi Visc	ty cosity, dynamic	:	Not applicable	
	Viso	cosity, kinematic	:	Not applicable	
	Explosi	ive properties	:	Not explosive	
	Oxidizi	ng properties	:	Based on its stru	ctural properties the product is not classified



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				as oxidizing.		
S	Sublim	ation point	:	: No data available		
N	Nolecu	lar weight	:	Not applicable		
SECT	ION 1	0. STABILITY AND RI	EAC	ΤΙVITY		
R	Reactiv	⁄ity	:	No hazardous re scribed/indicated	actions if stored and handled as pre-	
C	Chemic	cal stability	:	: The product is stable if stored and handled as pre- scribed/indicated.		
	Possibi ions	lity of hazardous reac-	:	: The product is stable if stored and handled as pre- scribed/indicated.		
C	Conditi	ons to avoid	:	See SDS section	7 - Handling and storage.	
Ir	ncomp	patible materials	:	<ul> <li>Strong acids</li> <li>Strong bases</li> <li>Strong oxidizing agents</li> <li>Strong reducing agents</li> </ul>		
	Hazard product	ous decomposition ts	:	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

Causes serious eye irritation.

### 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.

### Carcinogenicity

Not classified based on available information.

IARC Group 2B: Possibly carcinogenic to humans Carbon black

1333-86-4

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### **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:	
<b>Ecotoxicology Assessment</b> Acute aquatic toxicity :	Harmful to aquatic life.
Chronic aquatic toxicity :	Harmful to aquatic life with long lasting effects.
Persistence and degradability No data available Bioaccumulative potential	
Components:	
Calcium distearate: Partition coefficient: n- : octanol/water	log Pow: 0.8 Method: OECD Test Guideline 107
<b>Mobility in soil</b> 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 ecotoxi- cology have been derived from the properties of the individual

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		components.	
SECTION	13. DISPOSAL CONS	IDERATIONS	
Disp	osal methods		
Was	te from residues	tions. Do not contam cal or used cor	ccordance with national, state and local regula- inate ponds, waterways or ditches with chemi- ntainer. ge into drains/surface waters/groundwater.
Cont	aminated packaging		packaging should be emptied as far as possible of in the same manner as the sub-

### **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

calcium carbonate	471-34-1
Di-isononylphthalate	28553-12-0
Limestone	1317-65-3
Diisononyl phthalate (DINP)	68515-48-0
methanol	67-56-1
New Jersey Right To Know	
calcium carbonate	471-34-1
Limestone	1317-65-3
Carbon black	1333-86-4

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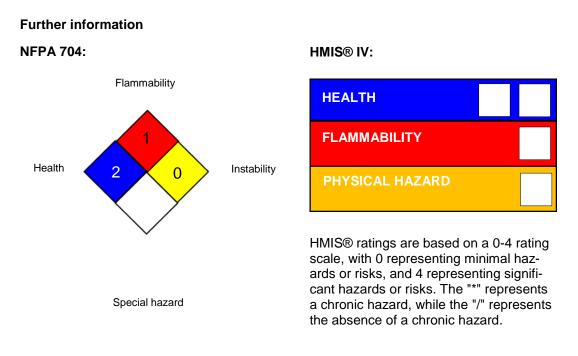
### California Prop. 65

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

Di-isodecyl phthalate, 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	:	All components of this product are on the Canadian DSL	

#### **SECTION 16. OTHER INFORMATION**



### Full text of other abbreviations

29 CFR 1910.1000 (Table Z- 1-A)	:	OSHA - Table Z-1-A (29 CFR 1910.1000)
	:	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 P0	:	USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
OSHA Z-1	:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim- its for Air Contaminants
29 CFR 1910.1000 (Table Z- 1-A) / TWA value	:	Time Weighted Average (TWA):



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29 CFF 1) / PE	R 1910.1000 (Table Z- L	:	Permissible expo	sure limit
,	I / TWA	:	8-hour, time-weig	hted average
ACGIH	/ STEL	: Short-term exposure limit		ure limit
ACGIH	ITLV / STEL value	: Short Term Exposure Limit (STEL):		
ACGIH	ITLV / TWA value	: Time Weighted Average (TWA):		
NIOSH	/ REL value	: Recommended exposure limit (REL):		xposure limit (REL):
NIOSH	I REL / TWA	:	: Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek	
OSHA	P0 / TWA	:	8-hour time weigl	nted average
OSHA	Z-1 / TWA	:	8-hour time weigh	nted average

AIIC - Australian Inventory of Industrial Chemicals; 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; TECI - Thailand Existing Chemicals 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** 

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific

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material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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