# Sikaflex HY 150 special bronze Formerly MSeal NP 150 spe brz



Versio 1.0		vision Date: )7/2020		0S Number: 0000260981	Date of last issue: - Date of first issue: 08/07/2020			
SECTI	on 1. ide	NTIFICATION						
Ρ	roduct nar	ne	:	Sikaflex HY 150 s brz	special bronze Formerly MSeal NP 150 spe			
Ρ	roduct cod	e	:	0000000050446483				
М	anufactu	er or supplier's	deta	iils				
С	ompany n	ame of supplier	:	Sika MBCC US L	LC			
A	ddress		:	201 POLITO AVE Lyndhurst NJ 070				
E	mergency	telephone	:	ChemTel: +1-813	-248-0585			
R	ecommen	ded use of the c	hen	nical and restriction	ons on use			
R	ecommen	ded use	:	Product for constr	uction chemicals			
R	estrictions	on use	:	Reserved for indu	strial and professional use.			

#### **SECTION 2. HAZARDS IDENTIFICATION**

GHS classification in accord Serious eye damage/eye irritation		
Skin sensitization	:	Category 1
Reproductive toxicity	:	1B
Reproductive toxicity	:	1B
Specific target organ toxicity - repeated exposure	:	2 (Liver, Kidney)
Short-term (acute) aquatic hazard	:	3
Long-term (chronic) aquatic hazard	:	3
GHS label elements Hazard pictograms	:	
Signal Word	:	Danger

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Haza	rd Statements	H317 May ca H373 May ca prolonged or H360 May da H402 Harmfu	s serious eye irritation. use an allergic skin reaction. use damage to organs (Liver, Kidney) through repeated exposure. mage fertility or the unborn child. I to aquatic life. I to aquatic life with long lasting effects.
Preca	autionary Statements	face protectio P260 Do not P273 Avoid re P201 Obtain P202 Do not and understo P272 Contarr the workplace	breathe dust or mist. elease to the environment. special instructions before use. handle until all safety precautions have been read od. ninated work clothing should not be allowed out of
		for several mi to do. Continu P314 Get me P303 + P352 and water. P308 + P311 CENTER/ do P362 + P364 reuse.	dical advice/ attention if you feel unwell. IF ON SKIN (or hair): Wash with plenty of soap IF exposed or concerned: Call a POISON ctor. Take off contaminated clothing and wash it before If eye irritation persists: Call a POISON CENTER
		Storage: P405 Store Ic	
		Disposal: P501 Dispose waste collecti	e of contents/container to appropriate hazardous on point.
	<b>r hazards</b> ata available.		
SECTION	3. COMPOSITION/INF	ORMATION ON IN	GREDIENTS
Chem	nical nature	: Sealant	
•			

## Components

Chemical name
---------------

CAS-No.



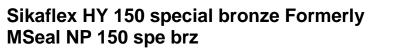
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calciu	ım carbonate	471-34-1	>= 20 - < 50
Limes	stone	1317-65-3	>= 3 - < 10
steari	ic acid	57-11-4	>= 0.3 - < 3
carbo	on black	1333-86-4	>= 0.3 - < 1
`	ethoxysi- opyl)ethylenediamine	1760-24-3	>= 0.3 - < 1
Dibut O,O')	ylbis(pentane-2,4-dior tin	nato- 22673-19-4	4 >= 0.1 - < 0.2
	l-Benzotriazol-2-yl)-4, pentylphenol	6- 25973-55-7	1 >= 0.2 - < 1
	2,6,6-tetramethyl-4- idyl)sebacate	52829-07-9	<i>∋</i> >= 0.2 - < 1

#### **SECTION 4. FIRST AID MEASURES**

General advice	:	Move out of dangerous area. Show this material safety data sheet to the doctor in attend- ance. Do not leave the victim unattended.
If inhaled	:	Keep patient calm, remove to fresh air, seek medical atten- tion.
		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	:	If on skin, rinse well with water.
In case of eye contact	:	Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Induce vomiting immediately and call a physician. 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. Take victim immediately to hospital.
Most important symptoms and effects, both acute and delayed	:	May cause an allergic skin reaction. Causes serious eye irritation. May damage fertility or the unborn child.
Notes to physician	:	Treat symptomatically.

#### **SECTION 5. FIRE-FIGHTING MEASURES**





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	Suitable extinguishing media	:	Water spray Foam Dry powder Carbon dioxide (C	:02)
	Unsuitable extinguishing media	:	High volume wate	er jet
	Specific hazards during fire fighting	:	Do not allow run-o courses.	off from fire fighting to enter drains or water
	Further information	:	must not be disch Fire residues and	ted fire extinguishing water separately. This arged into drains. contaminated fire extinguishing water must accordance with local regulations.
	Special protective equipment for fire-fighters	:	Wear self-contain essary.	ed breathing apparatus for firefighting if nec-

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec-	:	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	:	<ul> <li>Avoid formation of respirable particles.</li> <li>Do not breathe vapors/dust.</li> <li>Avoid exposure - obtain special instructions before use.</li> <li>Avoid contact with skin and eyes.</li> <li>For personal protection see section 8.</li> <li>Smoking, eating and drinking should be prohibited in the application area.</li> <li>Dispose of rinse water in accordance with local and national regulations.</li> <li>Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.</li> </ul>





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Conditions for safe storage		:	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.		
	er information on stor- conditions	:	Keep only in the place. Protect from dire Store protected a	•	
Mate	rials to avoid	:	Observe VCI sto	rage rules.	
	er information on stor- stability	:	No data availabl	e	

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type	Control parame-	Basis
Components	CA3-N0.		ters / Permissible	Dasis
		(Form of		
		exposure)	concentration	
stearic acid	57-11-4	TWA value	10 mg/m3	ACGIHTLV
		(Inhalable		
		fraction)		
		TWA value	3 mg/m3	ACGIHTLV
		(Respirable		
		fraction)		
		TWA (Inhal-	10 mg/m3	ACGIH
		able particu-	0	
		late matter)		
		TWA (Res-	3 mg/m3	ACGIH
		pirable par-	U U	
		ticulate mat-		
		ter)		
calcium carbonate	471-34-1	REL value	10 mg/m3	NIOSH
		(Total)	Ū	
		REL value	5 mg/m3	NIOSH
		(Respirable)	Ŭ	
		PEL (Respir-	5 mg/m3	29 CFR
		able fraction)		1910.1000
		- /		(Table Z-1)
		PEL (Total	15 mg/m3	29 CFR
		dust)	J	1910.1000
				(Table Z-1)
		TWA (Res-	5 mg/m3	NIOSH REL
		pirable)	(Calcium car-	
		1	bonate)	

## Ingredients with workplace control parameters



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			TWA (total)	10 mg/m3 (Calcium car- bonate)	NIOSH REL
Limes	stone	1317-65-3	REL value (Respirable)	5 mg/m3	NIOSH
			REL value (Total)	10 mg/m3	NIOSH
			PEL (Respir- able 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- able fraction)	5 mg/m3	OSHA Z-1
			TWA (Total dust)	15 mg/m3	OSHA P0
			TWA (respir- able dust fraction)	5 mg/m3	OSHA P0
			TWA (Res- pirable)	5 mg/m3 (Calcium car- bonate)	NIOSH REL
			TWA (total)	10 mg/m3 (Calcium car- bonate)	NIOSH REL
	ylbis(pentane-2,4- hto-O,O')tin	22673-19-4	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





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				TWA	0.1 mg/m3 (Tin)	OSHA P0
				TWA	0.1 mg/m3 (Tin)	NIOSH REL
Er	ngineering measures	:	No applicable	information ava	ilable.	
Pe	ersonal protective equip	ment				
Re	espiratory protection	:	Wear appropr may be excee		pirator when exposu	re limits
Ha	and protection					
	Remarks	:	: The suitability for a specific workplace should be discus with the producers of the protective gloves.		iscussed	
Ey	e protection	:	<ul> <li>Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.</li> </ul>			processing
Sł	kin and body protection	:			ding to the amount a ubstance at the work	
Pr	otective measures	:	No special me rectly. Handle in acc and safety pra	easures necessa ordance with go actice.	ves and clothing. ary if stored and hand od building materials ng is recommended.	
Hy	ygiene 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	:	pigmented
Odor	:	odorless
Odor Threshold	:	No data available
рН	:	neutral to slightly alkaline
Melting point	:	No applicable information available.

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	Boiling point		:	No applicable info	ormation available.
	Flash p	oint	:	does not flash	
	Evapora	ation rate	:	No applicable info	ormation available.
	Flamma	ability (solid, gas)	:	not determined	
	Self-ign	ition	:	not self-igniting	
		explosion limit / Upper bility limit	:	No applicable info	ormation available.
		explosion limit / Lower bility limit	:	No applicable info	ormation available.
	Vapor p	pressure	:	No applicable info	ormation available.
	Relative	e vapor density	:	Heavier than air.	
	Relative	e density	:	No applicable info	ormation available.
	Density		:	12.2 lb/USg (73 -	77 °F / 23 - 25 °C)
	Bulk de	nsity	:	approx. 1.5 g/cm	3
	Solubili Wat	ty(ies) er solubility	:	slightly soluble	
	Solu	bility in other solvents	:	No applicable info	ormation available.
	Partition octanol	n coefficient: n- /water	:	No data available	<del>)</del> .
	Autoign	ition temperature	:	No data available	).
	Decom	position temperature	:	No decompositio scribed/indicated	n if stored and handled as pre-
	Viscosi Visc	ty osity, dynamic	:	No applicable info	ormation available.
	Visc	osity, kinematic	:	No applicable info	ormation available.
	Explosi	ve properties	:	Not explosive Not explosive	
	Oxidizir	ng properties	:	Based on its strue as oxidizing.	ctural properties the product is not classified
	Self-hea	ating substances	:	No data available	
	Sublima	ation point	:	No applicable info	ormation available.

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	Molecu	lar weight	:	No data available	)	
SEC	TION 1	0. STABILITY AND RE	EAC	ΤΙνΙΤΥ		
	Reactiv	vity	:	No decompositio	n if stored and applied as directed.	
	Chemical stability		:	No decomposition if stored and applied as directed.		
	Possibility of hazardous reac- tions		:	No decomposition if stored and applied as directed.		
	Conditions to avoid		:	See SDS section 7 - Handling and storage.		
	Incomp	atible materials	:	Strong acids Strong bases Strong oxidizing Strong reducing	•	
	Hazard produc	ous decomposition ts	:	No hazardous de as prescribed/inc	composition products if stored and handled licated.	

#### 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 : May cause skin irritation and/or dermatitis.

#### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Product:

Remarks : May cause irreversible eye damage.

#### Respiratory or skin sensitization

#### Skin sensitization

May cause an allergic skin reaction.

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-	<b>Respiratory sensitization</b> Not classified based on available information.								
Product:         Remarks       : Causes sensitization.									
	Germ cell mutagenicity Not classified based on available information.								
	<b>cinogenicity</b> classified based on ava	ilable information.							
May STO	<b>Reproductive toxicity</b> May damage fertility or the unborn child. <b>STOT-single exposure</b> Not classified based on available information.								
	STOT-repeated exposure Not classified based on available information.								
-	iration toxicity classified based on ava	ilable information.							
	<u>luct:</u> spiration hazard expec	ted.							
Furt	her information								
<u>Proc</u> Rem		: No data availa	ble						
SECTION	SECTION 12. ECOLOGICAL INFORMATION								
	t <b>oxicity</b> lata available								
	Persistence and degradability No data available								
	accumulative potentia	I							
	ium carbonate:								

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

### stearic acid:

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





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			og Pow: 8.23 lethod: other	(measured)
carbo	on black:			
	on coefficient: n- ol/water	: R	emarks: not a	applicable
N-(3-(	(Trimethoxysilyl)pro	oyl)ethy	enediamine	:
	on coefficient: n- ol/water		og Pow: -0.82 lethod: other	
Dibut	ylbis(pentane-2,4-di	onato-O	,O')tin:	
	on coefficient: n- ol/water	: R	emarks: Stud	dy technically not feasible.
2-(2H	-Benzotriazol-2-yl)-4	,6-ditert	pentylpheno	1:
	on coefficient: n- ol/water	р	H: 6.4	(73 °F / 23 °C) ion coefficient (n-octanol/water), HPLC metho
			og Pow: 7.3 (7 lethod: other	77 °F / 25 °C) (calculated)
bis(2,	2,6,6-tetramethyl-4-p	oiperidy	)sebacate:	
	on coefficient: n-			(77 °F / 25 °C)
Ucian	ol/water	Ň	H: 7 lethod: Partiti nethod	ion coefficient (n-octanol/water), Shake-flask
Mobi	lity in soil			
	ita available			
Other	adverse effects			
Produ	uct:			
Additi matio	onal ecological infor- n	u H	nprofessional larmful to aqu	ntal hazard cannot be excluded in the event o I handling or disposal. atic life. atic life with long lasting effects.

Disposal methods		
Waste from residues	:	Do not contaminate ponds, waterways or ditches with chemi- cal or used container. Dispose of in accordance with national, state and local regula- tions.

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		Do not discharge	into drains/surface waters/groundwater.
Contaminated packaging			ckaging should be emptied as far as possible n 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
Iron oxide	1309-37-1
Limestone	1317-65-3
carbon black	1333-86-4
Di-isononylphthalate	28553-12-0
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters,	68515-48-0
C9-rich	
1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters,	68515-49-1
C10-rich	
New Jersey Right To Know	

# Limestone 1317-65-3 carbon black 1333-86-4

#### 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.

#### 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**

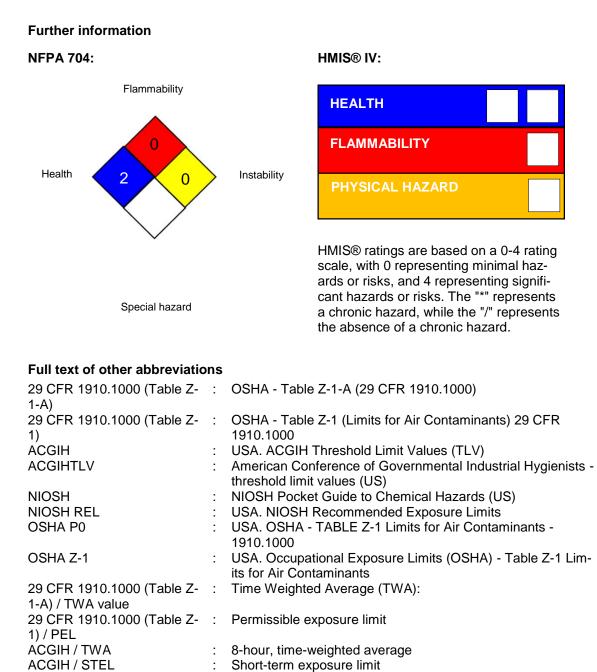
ACGIHTLV / STEL value

ACGIHTLV / TWA value

NIOSH / REL value

NIOSH REL / TWA

OSHA P0 / TWA



÷

2

1

Short Term Exposure Limit (STEL):

Recommended exposure limit (REL):

workday during a 40-hour workweek 8-hour time weighted average

Time-weighted average concentration for up to a 10-hour

Time Weighted Average (TWA):

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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

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