SikaThorocoat-400 coarse med fact tbase Formerly MProtect HB 400 col ser med



Versior 2.0	Revision Date: 09/03/2021	SDS Number: 000000261305	Date of last issue: 10/15/2020 Date of first issue: 10/15/2020						
SECTI	ON 1. IDENTIFICATION								
Pr	oduct name	: SikaThorocoa HB 400 col se	at-400 coarse med fact tbase Formerly MProtect er med						
Pr	oduct code	: 0000000000	51715162						
M	Manufacturer or supplier's details								
Сс	mpany name of supplier	: Sika MBCC L	JS LLC						
Ac	dress	: 201 POLITO Lyndhurst NJ							
Er	nergency telephone	: ChemTel: +1	-813-248-0585						
Re	commended use of the	chemical and rest	rictions on use						
Re	commended use	: Waterproof c	oating						
Re	strictions on use	: Reserved for	industrial and professional use.						

SECTION 2. HAZARDS IDENTIFICATION

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

Carcinogenicity (Inhalation)	:	Category 1A
Specific target organ toxicity - repeated exposure (Inhala- tion)	:	Category 1 (Lungs)
Specific target organ toxicity - repeated exposure	:	Category 2 (Kidney)
Specific target organ toxicity - repeated exposure (Inhala- tion)	:	Category 2 (Kidney, Immune system)
Short-term (acute) aquatic hazard	:	Category 3
Long-term (chronic) aquatic hazard	:	Category 3

GHS label elements

SikaThorocoat-400 coarse med fact tbase Formerly MProtect HB 400 col ser med



ersion Revisior 0 09/03/20	n Date: 021	SDS Number: 000000261305	Date of last issue: 10/15/2020 Date of first issue: 10/15/2020
Hazard pictogra	ns		
Signal Word		: Danger	
Hazard Stateme	nts	H372 Causes repeated expo H373 May cau or repeated ex H373 May cau through prolon H402 Harmful	se damage to organs (Kidney, Immune system) ged or repeated exposure if inhaled.
Precautionary S	atements	P202 Do not h and understoo P260 Do not b P264 Wash sk P270 Do not e P273 Avoid rel	reathe mist or vapors. in thoroughly after handling. at, drink or smoke when using this product. lease to the environment. otective gloves/ protective clothing/ eye protection
		Response: P308 + P313 I	F exposed or concerned: Get medical advice/
		attention. Storage: P405 Store loc	ked up.
		Disposal:	of contents/ container to an approved waste dis-

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

: Aqueous solution

Components

Chemical name	CAS-No.	Concentration (% w/w)
Limestone	1317-65-3	>= 15 - < 50
crystalline silica	14808-60-7	>= 15 - < 20
Titanium dioxide	13463-67-7	>= 3 - < 10
Propanoic acid, 2-methyl-, monoester	25265-77-4	>= 0 - < 3



SikaThorocoat-400 coarse med fact tbase Formerly MProtect HB 400 col ser med

Version	Revision Date:	SDS Number:	Date of last issue: 10/15/2020
2.0	09/03/2021	000000261305	Date of first issue: 10/15/2020

with 2,2,4-trimethyl-1,3- pentanediol		
ethylene glycol	107-21-1	>= 0.3 - < 3
Isooctylphenol ethoxylate	9036-19-5	>= 0 - < 0.2
diuron	330-54-1	>= 0 - < 0.1
3-iodo-2-propynyl butylcarbamate	55406-53-6	>= 0 - < 0.1

SECTION 4. FIRST AID MEASURES

General advice	:	First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.
If inhaled	:	If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.
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	:	Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do NOT induce vomiting.
Most important symptoms and effects, both acute and delayed	:	May cause cancer by inhalation. Causes damage to organs through prolonged or repeated exposure if inhaled. May cause damage to organs through prolonged or repeated exposure. Prolonged or repeated inhalation of respirable crystalline silica (quartz) may result in silicosis.
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
Specific hazards during fire fighting	:	See SDS section 10 - Stability and reactivity.
Hazardous combustion prod-	:	harmful vapours



SikaThorocoat-400 coarse med fact tbase Formerly MProtect HB 400 col ser med

Versio 2.0	on	Revision Date: 09/03/2021	-	S Number: 0000261305	Date of last issue: 10/15/2020 Date of first issue: 10/15/2020
u	icts			nitrogen oxides fumes/smoke carbon black carbon oxides	
F	urther	information	:	the fire conditions If exposed to fire, Collect contamina allow to reach sev	keep containers cool by spraying with water. ted extinguishing water separately, do not vage or effluent systems. inguishing water must be disposed of in
	Special protective equipment for fire-fighters		:	Wear a self-conta	ined breathing apparatus.
SECT	ION 6.	ACCIDENTAL RELE	ASE	EMEASURES	
ti	ve equ	al precautions, protec- ipment and emer- rocedures	:	Wear eye/face pro If exposed to high ately. Use personal prot	vapour concentration, leave area immedi- ective clothing. Ince with good building materials hygiene
E	Inviron	mental precautions	:		ated water/firefighting water. into drains/surface waters/groundwater.
		s and materials for nent and cleaning up	:	acid binder, unive	absorbent material (e.g. sand, silica gel, rsal binder, sawdust). closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Advice on safe handling	:	Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. Avoid contact with eyes.
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.
Further information on stor-	:	Keep only in the original container in a cool, dry, well-



SikaThorocoat-400 coarse med fact tbase Formerly MProtect HB 400 col ser med

Version 2.0	Revision Date: 09/03/2021	SDS Nun 00000020		
age	conditions		ated place away from ignition sources, h t from direct sunlight.	eat or flame.
Further information on stor- age stability			ECT FROM FREEZING DURING THE DW 40°F / 5°C).	COLD-SEASON

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
ethylene glycol	107-21-1	TWA (Vapor)	25 ppm	ACGIH
		STEL (Va- por)	50 ppm	ACGIH
		STEL (Inhal- able fraction, Aerosol only)	10 mg/m3	ACGIH
		С	50 ppm 125 mg/m3	OSHA P0
diuron	330-54-1	TWA value	10 mg/m3	ACGIHTLV
		REL value	10 mg/m3	NIOSH
		TWA value	10 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	10 mg/m3	ACGIH
		TWA	10 mg/m3	NIOSH REL
		TWA	10 mg/m3	OSHA P0
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- 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
Titanium dioxide	13463-67-7	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWÁ (Total dust)	10 mg/m3	OSHA P0
		TWÁ	10 mg/m3 (Titanium dioxide)	ACGIH
Quartz (SiO2)	14808-60-7	TWA (Res- pirable dust)	0.05 mg/m3	OSHA Z-1

Ingredients with workplace control parameters



SikaThorocoat-400 coarse med fact tbase Formerly MProtect HB 400 col ser med

sion	Revision Date: 09/03/2021		DS Number: 0000261305		t issue: 10/15/2020 st issue: 10/15/2020	
				TWA (respir- able)	10 mg/m3 / %SiO2+2	OSHA Z-:
				TWA (respir- able)	250 mppcf / %SiO2+5	OSHA Z-3
				TWÁ (respir- able dust fraction)	0.1 mg/m3	OSHA PO
				TWA (Res- pirable par- ticulate mat- ter)	0.025 mg/m3 (Silica)	ACGIH
				PEL (respir- able)	0.05 mg/m3	OSHA CA
				TWA (Res- pirable dust)	0.05 mg/m3 (Silica)	NIOSH RI
Engin	eering measures	:	Ensure adequ	uate ventilation.		
Perso	nal protective equip	ment				
Respi	ratory protection	:	may be excee		spirator when expository protection.	sure limits
Hand	protection					
Re	marks	:		use should be o	ective gloves. Manu bserved because c	
Eye p	rotection	:	Wear safety g	plasses with side	e shields or goggles	S.
Skin a	nd body protection	:	Body protection possible expo		sen depending on a protection, apron, p	
Protec	ctive measures	:	Avoid contact Avoid exposu Handle in acc and safety pra	re - obtain spec ordance with gc actice.	aerosols. yes and clothing. ial instructions befo ood building materia ng is recommende	als hygiene
Hygiei	ne measures	:	Hands and/or the end of the At the end of care agents a Remove cont re-use or disp Gloves must	e shift. the shift the skir upplied. aminated clothir pose it if necessa	washed before bre a should be cleaned ag immediately and ary. gularly and prior to	d and skin- clean before





Ver 2.0	sion	Revision Date: 09/03/2021		S Number: 0000261305	Date of last issue: 10/15/2020 Date of first issue: 10/15/2020
SEC	CTION 9	PHYSICAL AND CH	EMIC		S
	Appear	ance	:	liquid	
				·	
	Color		:	pigmented	
	Odor		:	sweetish, slight c	odour
	Odor TI	hreshold	:	not determined	
	рН		:	9.5 - 10	
	Melting	point	:	No data available	9
	Boiling	point	:	379 - 401 °F / 19	3 - 205 °C
	Flash p	oint	:	> 199 °F / > 93 °(c
	Evapora	ation rate	:	No data available	9
	Flamma	ability (liquids)	:	not highly flamma Method: derived	
		explosion limit / Upper bility limit	:	15.3 %(V)	
		explosion limit / Lower bility limit	:	3.2 %(V)	
	Vapor p	pressure	:	No data available	9
	Relative	e vapor density	:	Heavier than air.	
	Relative	e density	:	1.57 - 1.70	
	Density	,	:	1.57 - 1.70 g/cm3	3 (68 °F / 20 °C)
	Bulk de	nsity	:	Not applicable	
	Solubili Wat	ty(ies) er solubility	:	partly soluble	
	Solu	bility in other solvents	:	No data available	9
	Partition octanol	n coefficient: n- /water	:	not applicable for	rmixtures
	Autoign	ition temperature	:	No data available	9

SikaThorocoat-400 coarse med fact tbase Formerly MProtect HB 400 col ser med



Vers 2.0	ion	Revision Date: 09/03/2021		S Number: 0000261305	Date of last issue: 10/15/2020 Date of first issue: 10/15/2020
	Decom	position temperature	:	No decompositio scribed/indicated	n if stored and handled as pre-
	Viscosi Visc	ty cosity, dynamic	:	No data available	
	Visc	osity, kinematic	:	No data available	
	Explosi	ve properties	:	Not explosive	
	Oxidiziı	ng properties	:	Based on its stru as oxidizing.	ctural properties the product is not classified
	Sublimation point		:	No data available)
	Molecular weight		:	No data available	
SEC	TION 1	0. STABILITY AND RE	EAC	TIVITY	
	Reactiv	vity	:	No hazardous re scribed/indicated	actions if stored and handled as pre-
	Chemic	cal stability		The product is st scribed/indicated	able if stored and handled as pre-
	Possibi tions	lity of hazardous reac-	:	The product is st scribed/indicated	able if stored and handled as pre-
	Conditi	ons to avoid	:	See SDS section	7 - Handling and storage.
	Incomp	atible materials	:	Strong oxidizing Strong bases Strong acids	agents
	Hazard product	ous decomposition ts	:	irritant gases/vap carbon oxides	ours

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.

SikaThorocoat-400 coarse med fact tbase Formerly MProtect HB 400 col ser med



Vers 2.0	sion	Revision Date: 09/03/2021	SDS Number: 000000261305	Date of last issue Date of first issue				
	Respiratory or skin sensitization							
	Skin sensitization							
	Not clas	ssified based on availa	able information.					
	Respira	atory sensitization						
	Not clas	ssified based on availa	able information.					
	Germ c	ell mutagenicity						
	Not classified based on available information.							
	Carcinogenicity							
		use cancer by inhalati						
	IARC	Group 1: Car crystalline sil	cinogenic to humans		14808-60-7			
		(Silica dust, o			14000-00-7			
		Group 2B: Po	ossibly carcinogenic to	humans				
		Titanium dio>	kide		13463-67-7			
	OSHA	OSHA specif	ically regulated carcino	aen				
		crystalline sil	ica	0	14808-60-7			
		(crystalline si	lica)					
	NTP	Known to be	human carcinogen					
		crystalline sil	5		14808-60-7			
		(Silica, Cryst	alline (Respirable Size))				

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled. May cause damage to organs (Kidney) through prolonged or repeated exposure. May cause damage to organs (Kidney, Immune system) through prolonged or repeated exposure if inhaled.

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.

SikaThorocoat-400 coarse med fact tbase Formerly MProtect HB 400 col ser med



ersion)	Revision Date: 09/03/2021	-	OS Number: 0000261305	Date of last issue: 10/15/2020 Date of first issue: 10/15/2020
CTION	12. ECOLOGICAL INF	ORM	ATION	
Ecoto	oxicity			
<u>Produ</u>	uct:			
Ecoto	oxicology Assessment			
Acute	aquatic toxicity	:	Harmful to aquat	tic life.
Chror	nic aquatic toxicity	:	Harmful to aquat	ic life with long lasting effects.
Com	oonents:			
diuro	n:			
M-Fao icity)	ctor (Acute aquatic tox-	:	10	
M-Fac toxicit	ctor (Chronic aquatic y)	:	10	
3-iod	o-2-propynyl butylcark	bam	ate:	
M-Fao icity)	ctor (Acute aquatic tox-	:	10	
M-Fac toxicit	ctor (Chronic aquatic y)	:	1	
	stence and degradabil ata available	ity		
	ccumulative potential ata available			
	l ity in soil ata available			
Other	adverse effects			
Produ	uct:			
Additi matio	onal ecological infor- n	:	The product has	e product into the environment without contr not been tested. The statements on ecotox n derived from the properties of the individu

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

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

SikaThorocoat-400 coarse med fact tbase Formerly MProtect HB 400 col ser med



Version 2.0	Revision Date: 09/03/2021	SDS Number: 000000261305	Date of last issue: 10/15/2020 Date of first issue: 10/15/2020
		cal or used cor Do not dischar	ntainer. ge into drains/surface waters/groundwater.
Conta	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

Special precautions for user

Not applicable

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)			
carbendazim	10605-21-7	10	27777			
SARA 313 :	The following comp tablished by SARA		t to reporting levels es- 13:			
	ethylene glycol	107-21-1	>= 1 - < 5 %			
US State Regulations	US State Regulations					
Pennsylvania Right To Know						
Limestone			1317-65-3			
crystalline silica			14808-60-7			
Titanium dioxide			13463-67-7			
Wollastonite (Ca(SiO3))		13983-17-0			
ethylene glycol			107-21-1			
diuron			330-54-1			
1,4-dioxane			123-91-1			



SikaThorocoat-400 coarse med fact tbase Formerly MProtect HB 400 col ser med

Version	Revision Date:	SDS Number:	Date of last issue: 10/15/2020
2.0	09/03/2021	000000261305	Date of first issue: 10/15/2020

New Jersey Right To Know

Limestone		1317-65-3
crystalline silica		14808-60-7
Titanium dioxide		13463-67-7
ethylene glycol		107-21-1
Distillates (petroleum), solver	nt-dewaxed heavy paraffinic	64742-65-0

California Prop. 65

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

ethylene glycol, 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:

DSL	:	All components of this product are on the Canadian DSL
TSCA	:	All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

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)
ACĠIH	:	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)



SikaThorocoat-400 coarse med fact tbase Formerly MProtect HB 400 col ser med

Version 2.0	Revision Date: 09/03/2021		0S Number: 0000261305	Date of last issue: 10/15/2020 Date of first issue: 10/15/2020	
NIOSH REL OSHA CARC OSHA P0		:	USA. NIOSH Recommended Exposure Limits OSHA Specifically Regulated Chemicals/Carcinogens USA. OSHA - TABLE Z-1 Limits for Air Contaminants -		
OSHA Z-1		:	1910.1000 USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim- its for Air Contaminants		
OSHA Z-3		:	USA. Occupational Exposure Limits (OSHA) - Table Z-3 Min- eral Dusts		
29 CFR 1910.1000 (Table Z- 1-A) / TWA value		:	Time Weighted Average (TWA):		
ACGIH / TWA ACGIH / STEL		:	8-hour, time-weighted average Short-term exposure limit		
ACGIHTLV / TWA value NIOSH / REL value		:	Time Weighted Average (TWA): Recommended exposure limit (REL):		
NIOSH REL / TWA		:	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek		
OSHA OSHA OSHA	CARC / PEL P0 / TWA P0 / C Z-1 / TWA Z-3 / TWA		Permissible expose 8-hour time weigh Ceiling limit 8-hour time weigh 8-hour time weigh	ted 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



SikaThorocoat-400 coarse med fact tbase Formerly MProtect HB 400 col ser med

VersionRevision Date:SDS Number:Date of last issue: 10/15/20202.009/03/2021000000261305Date of first issue: 10/15/2020

Revision Date

: 09/03/2021

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 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.

US / EN