

Version 1.1	Revision Date: 08/02/2021		DS Number: 00000260117	Date of last issue: 10/01/2020 Date of first issue: 10/01/2020			
SECTION	1. IDENTIFICATION						
Produ	uct name	:	Sikadur-6000 UW Part A Formerly MBrace 6000UW				
Product code		:	00000000005165	0000000051657551			
Manufacturer or supplier's details							
Company name of supplier		:	Sika MBCC US L	LC			
Addre	ess	:	201 POLITO AVE Lyndhurst NJ 070	_			
Emer	gency telephone	:	ChemTel: +1-813	3-248-0585			
Reco	mmended use of the	cher	nical and restriction	ons on use			
Reco	mmended use	:	Product for const	ruction chemicals			
Restr	ictions on use	:	Reserved for indu	ustrial and professional use.			

SECTION 2. HAZARDS IDENTIFICATION

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

Skin corrosion/irritation	:	Category 2
Serious eye damage/eye irritation	:	Category 2A
Skin sensitization	:	Category 1
Germ cell mutagenicity	:	Category 2
Carcinogenicity	:	Category 2
Short-term (acute) aquatic hazard	:	Category 2
Long-term (chronic) aquatic hazard	:	Category 2
GHS label elements		
Hazard pictograms	:	
Signal Word	:	Warning



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Hazard	Statements	H315 Causes s H317 May caus H351 Suspecte H341 Suspecte H401 Toxic to a	se an allergic skin reaction. ed of causing cancer. ed of causing genetic defects.
Precaut	ionary Statements	face protection. P261 Avoid bre P273 Avoid rele P202 Do not ha and understood P272 Contamin the workplace.	eathing dust/ fume/ gas/ mist/ vapors/ spray. ease to the environment. andle until all safety precautions have been read
		for several minuto do. Continue P308 + P311 IF CENTER/ doct P302 + P352 IF P333 + P313 If attention. P332 + P313 If tion. P362 + P364 T reuse. P391 Collect sp	 exposed or concerned: Call a POISON or. ON SKIN: Wash with plenty of water. skin irritation or rash occurs: Get medical advice skin irritation occurs: Get medical advice/ attenake off contaminated clothing and wash it before
		Storage: P405 Store loc	ked up.
		Disposal: P501 Dispose of waste collection	of contents/container to appropriate hazardous

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

: No data available.



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Components

Chemical name	CAS-No.	Concentration (% w/w)
Reaction product: bisphenol-A-	25068-38-6	>= 75 - < 100
(epichlorhydrin)-Epoxy resin (number average molecular weight <= 700)		
butyl 2,3-epoxypropyl ether	2426-08-6	>= 7 - < 10
Titanium dioxide	13463-67-7	>= 1 - < 3
2,3-epoxypropyl o-tolyl ether	2210-79-9	>= 0.3 - < 1
ethylbenzene	100-41-4	>= 0.1 - < 0.2

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	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	:	If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
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	:	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of causing genetic defects. Suspected of causing cancer.
Notes to physician	:	Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray
		Foam
		Dry powder



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			Carbon dioxide (C	02)	
Unsui media	itable extinguishing a	:	High volume wate	er jet	
	Specific hazards during fire fighting		Do not allow run-off from fire fighting to enter drains or water courses.		
Furth	Further information		Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.		
	ial protective equipment e-fighters	:	Wear self-contain essary.	ed breathing apparatus for firefighting if nec-	

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment.
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	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Product is not explosive.
		Normal measures for preventive fire protection.
Advice on safe handling	:	Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the ap- plication area. Dispose of rinse water in accordance with local and national regulations. 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.
Conditions for safe storage	:	Keep container tightly closed in a dry and well-ventilated



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				kept upright to pre Observe label pre	cautions.
	Further age cor	information on stor- nditions	:		priginal container in a cool, dry, well- way from ignition sources, heat or flame. at sunlight.
	Materia	ls to avoid	:	Observe TRGS 5	09/510 storage rules.
	Recom peratur	mended storage tem- e	:	41 °F / 5 °C	
	Further age sta	information on stor- bility	:	Minimum storage	temperature:

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace	-			
Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
ethylbenzene	100-41-4	TWA value	20 ppm	ACGIHTLV
		STEL value	125 ppm 545 mg/m3	NIOSH
		REL value	100 ppm 435 mg/m3	NIOSH
		PEL	100 ppm 435 mg/m3	29 CFR 1910.1000 (Table Z-1)
		TWA value	100 ppm 435 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		STEL value	125 ppm 545 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	20 ppm	ACGIH
		TWA	100 ppm 435 mg/m3	NIOSH REL
		ST	125 ppm 545 mg/m3	NIOSH REL
		TWA	100 ppm 435 mg/m3	OSHA Z-1
		TWA	100 ppm 435 mg/m3	OSHA P0
		STEL	125 ppm 545 mg/m3	OSHA P0
butyl 2,3-epoxypropyl ether	2426-08-6	TWA value	3 ppm	ACGIHTLV

Ingredients with workplace control parameters



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				Ceil_Time	5.6 ppm 30 mg/m3	NIOSH
				PEL	50 ppm 270 mg/m3	29 CFR 1910.1000 (Table Z-1)
				TWA value	25 ppm 135 mg/m3	29 CFR 1910.1000 (Table Z-1-
				TWA	3 ppm	ACGIH
				С	5.6 ppm 30 mg/m3	NIOSH RE
				TWA	50 ppm 270 mg/m3	OSHA Z-1
				TWA	25 ppm 135 mg/m3	OSHA P0
Titaniu	um dioxide	1346	3-67-7	TWA (total dust)	15 mg/m3	OSHA Z-1
				TWÁ (Total dust)	10 mg/m3	OSHA P0
				TWÁ	10 mg/m3 (Titanium dioxide)	ACGIH
Engin	eering measures	: No a	applicable	information av	ailable.	
Perso	onal protective equip	ment				
Respi	ratory protection	tiona resp	al exposur birators.	e limits they m	ncentrations above the ust use appropriate ce atory protection.	
Hand	protection					
Re	marks	: The	suitability	for a specific w	vorkplace should be d	iscussed

: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection	:	Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.
Skin and body protection	:	Impervious clothing Choose body protection according to the amount and con- centration of the dangerous substance at the work place.
Protective measures	:	Do not inhale gases/vapours/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 or drink. When using do not smoke.



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			Wash hands be	fore breaks and at the end of workday.
SECTION	9. PHYSICAL AND CH	EMIC	CAL PROPERTI	ES
Арре	arance	:	liquid	
Coloi	r	:	amber	
Odor		:	mild, of glycol	
Odor	Threshold	:	No data availal	ble
рН		:	insoluble	
Melti	ng point	:	No applicable i	nformation available.
Boilir	ng point	:	approx. 662 °F	/ 350 °C
Flash	n point	:	351 °F / 177 °C	2
Evap	oration rate	:	not determined	I
Flam	mability (solid, gas)	:	not highly flam Method: derive	mable d from flash point
Vapo	or pressure	:	No applicable i	nformation available.
Relat	tive vapor density	:	Heavier than a	ir.
Relat	tive density	:	approx. 1.14	
Dens	iity	:	approx. 1.14 g/	/cm3 (68 °F / 20 °C)
	bility(ies) /ater solubility	:	insoluble (68 °	'F / 20 °C)
S	olubility in other solvents	:	No applicable i	nformation available.
	tion coefficient: n- nol/water	:	No data availat	ble.
Autoi	gnition temperature	:	No data availat	ble
Deco	emposition temperature	:	No decomposit scribed/indicate	tion if stored and handled as pre- ed.
Visco Vi	osity iscosity, dynamic	:	not determined	I



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		cosity, kinematic	:		ormation available.	
	Explosive properties		e properties : Not explosive Not explosive			
	Oxidizi	ng properties	:	Based on its structural properties the product is not classified as oxidizing.		
	Sublim	ation point	:	No applicable inf	ormation available.	
	Molecu	ılar weight	:	No data available		
	Metal corrosion rate		:	Corrosive effects	to metal are not anticipated.	
SEC	TION 1	0. STABILITY AND RI	EAC	ΤΙVITY		
	Reactiv	vity	:	No decompositio	n if stored and applied as directed.	
	Chemio	cal stability	:	No decomposition if stored and applied as directed.		
	Possibi tions	ility of hazardous reac-	:	No decompositio	n if stored and applied as directed.	
	Conditi	ons to avoid	:	See SDS section	7 - Handling and storage.	
	Incomp	patible materials	:	Strong acids Strong bases Strong oxidizing Strong reducing	•	
	Hazard produc	lous decomposition ts	:	No hazardous de as prescribed/inc	ecomposition products if stored and handled licated.	

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Causes skin irritation.

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.



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Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

Product:

Remarks

: Causes sensitization.

Germ cell mutagenicity

Suspected of causing genetic defects.

Carcinogenicity

Suspected of causing cancer.

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	:	The product has not been tested. The statement has been derived from the properties of the individual components.
Remarks	:	No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity	: Toxic to aquatic life.
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Chronic aquatic toxicity	:	Toxic to aquatic life with long lasting effects.
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	sistence and degradabi l data available	lity	
Bioa	accumulative potential		
	duct: accumulation		ause of the product's consistency and low water vailability is improbable.
Con	nponents:		
Part	/l 2,3-epoxypropyl ethe ition coefficient: n- nol/water	: Remarks: No	data available.
	bility in soil data available		
Oth	er adverse effects		
	<u>duct:</u> itional ecological infor- ion	unprofessiona Toxic to aquat	ntal hazard cannot be excluded in the event of I handling or disposal. ic life. ic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

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. Do not discharge into drains/surface waters/groundwater.
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	
UN number	: UN 3082
Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
	(BISPHENOL-A-EPICHLORHYDRIN RESINS M <=700)
Class	9
Subsidiary risk	: EHSM



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	Packing Labels	g group	:	III 9 (EHSM)	
	IATA-D UN/ID I Proper		:	N.O.S.	ALLY HAZARDOUS SUBSTANCE, LIQUID, EPICHLORHYDRIN RESINS M <=700)
	Packing Labels Packing aircraft	g instruction (passen-	:	9 EHSM III	nvironmentally hazardous
	Class Subsidi	nber shipping name ary risk g group	:	N.O.S.	ALLY HAZARDOUS SUBSTANCE, LIQUID, PICHLORHYDRIN RESINS M <=700)
		pollutant	:	yes	

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

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

SARA 313 :	The following components are subject to reporting levels es- tablished by SARA Title III, Section 313:	
	ethylbenzene	100-41-4
US State Regulations		
Pennsylvania Right To Know		
Titanium dioxide		13463-67-7

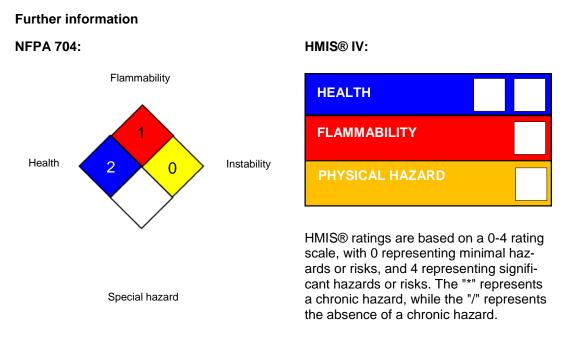


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	ethylbenzene butyl 2,3-epoxyp listed	propyl ether	100-41-4 2426-08-6
New 、	Jersey Right To Kno	w	
Titanium dioxide ethylbenzene butyl 2,3-epoxypropyl ether listedSpecial Hazard.			13463-67-7 100-41-4 2426-08-6
Califo	ornia Prop. 65		

WARNING: This product can expose you to chemicals including benzene, 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:			
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- :	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



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	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. 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				
		R 1910.1000 (Table Z- STEL value	:	Short Term Expos	sure Limit (STEL):			
	29 ĆFF	R 1910.1000 (Table Z- WA value	:	: Time Weighted Average (TWA):				
		R 1910.1000 (Table Z-	:	: Permissible exposure limit				
	ACGIH	/ TWA	: 8-hour, time-w		phted average			
	ACGIH	TLV / TWA value	:	: Time Weighted Average (TWA):				
	NIOSH	/ Ceil_Time	:	: Ceiling Limit Value and Time Period (if specified):				
	NIOSH	/ REL value	:	Recommended ex	exposure limit (REL):			
	NIOSH	/ STEL value	:	Short Term Expos	sure Limit (STEL):			
	NIOSH	REL / TWA	:	: Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek				
	NIOSH	REL / ST	:	STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday				
	OSHA OSHA	REL / C P0 / TWA P0 / STEL Z-1 / TWA	:	Ceiling value not be exceeded at any time. 8-hour time weighted average Short-term exposure limit 8-hour time weighted 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 Substanc-



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es; (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

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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 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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