



TBP Converting, Inc.  
SIKATAK ULTRAFast US MSDS



**1. Identification**

Product name : SikaTack® Ultrafast US

Supplier : Sika Corporation

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Lyndhurst, NJ 07071  
USA  
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Emergency telephone : CHEMTREC: 800-424-9300  
INTERNATIONAL: 703-527-3887  
ehs@sika-corp.com

Recommended use of the chemical and restrictions on use : For further information, refer to the product technical data sheet.

**2. Hazards identification**

**GHS Classification**

Respiratory sensitization, Category 1 H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin sensitization, Category 1 H317: May cause an allergic skin reaction.

Carcinogenicity, Category 2 H351: Suspected of causing cancer.

**GHS Label element**

Hazard pictograms :

Signal Word : Danger

Hazard Statements : H317 May cause an allergic skin reaction.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H351 Suspected of causing cancer.

Precautionary Statements : **Prevention:**  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves.  
P281 Use personal protective equipment as required.



P285 In case of inadequate ventilation wear respiratory protection.

**Response:**

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P363 Wash contaminated clothing before reuse.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

Warning : Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney and nervous system damage. Intentional misuse by deliberate concentration and inhalation of vapors may be harmful or fatal.

See Section 11 for more detailed information on health effects and symptoms.

### 3. Composition/information on ingredients

#### Hazardous ingredients

Chemical Name	CAS-No.	Concentration (%)
Carbon black	1333-86-4	>= 10 - < 20 %
xylene	1330-20-7	>= 2 - < 5 %
4,4'-methylenediphenyl diisocyanate	101-68-8	>= 0 - < 1 %
ethylbenzene	100-41-4	>= 0 - < 1 %
hexamethylenediisocyanate homopolymer	28182-81-2	>= 0 - < 1 %
3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate	4098-71-9	>= 0 - < 1 %
3-trimethoxysilylpropane-1-thiol	4420-74-0	>= 0 - < 1 %

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### 4. First aid measures

If inhaled : Move to fresh air.  
Consult a physician after significant exposure.

In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.



- If symptoms persist, call a physician.
- In case of eye contact : Remove contact lenses.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Induce vomiting immediately and call a physician.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed : sensitizing effects  
  
Asthmatic appearance  
Allergic reactions  
See Section 11 for more detailed information on health effects and symptoms.
- Protection of first-aiders : Move out of dangerous area.  
Consult a physician.  
Show this material safety data sheet to the doctor in attendance.
- Notes to physician : Treat symptomatically.

**5. Fire-fighting measures**

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific extinguishing methods : 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.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

**6. Accidental release measures**

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Deny access to unprotected persons.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.  
Local authorities should be advised if significant spillages cannot be contained.
- 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.



## 7. Handling and storage

- Advice on safe handling : Do not breathe vapors or spray mist.  
 Avoid exceeding the given occupational exposure limits (see section 8).  
 Do not get in eyes, on skin, or on clothing.  
 For personal protection see section 8.  
 Persons with a history of 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.  
 Smoking, eating and drinking should be prohibited in the application area.  
 Follow standard hygiene measures when handling chemical products.
- Conditions for safe storage : Store in original container.  
 Keep container tightly closed in a dry and well-ventilated place.  
 Observe label precautions.  
 Store in accordance with local regulations.
- Materials to avoid : no data available

## 8. Exposure controls/personal protection

Component	CAS-No.	Basis **	Value	Exposure limit(s) * / Form of exposure
Carbon black	1333-86-4	ACGIH	TWA	3.5 mg/m <sup>3</sup>
		OSHA Z-1	TWA	3.5 mg/m <sup>3</sup>
		OSHA P0	TWA	3.5 mg/m <sup>3</sup>
xylene	1330-20-7	OSHA Z-1	TWA	100 ppm 435 mg/m <sup>3</sup>
		ACGIH	TWA	100 ppm
		ACGIH	STEL	150 ppm
		OSHA P0	STEL	150 ppm 655 mg/m <sup>3</sup>
		OSHA P0	TWA	100 ppm 435 mg/m <sup>3</sup>
ethylbenzene	100-41-4	ACGIH	TWA	100 ppm
		ACGIH	STEL	125 ppm



		OSHA Z-1	TWA	100 ppm 435 mg/m3
		OSHA P0	TWA	100 ppm 435 mg/m3
		OSHA P0	STEL	125 ppm 545 mg/m3

\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

**\*\*Basis**

ACGIH. Threshold Limit Values (TLV)

OSHA P0. Table Z-1, Limit for Air Contaminat (1989 Vacated Values)

OSHA P1. Permissible Exposure Limits (PEL), Table Z-1, Limit for Air Contaminant

OSHA P2. Permissible Exposure Limits (PEL), Table Z-2

OSHA Z3. Table Z-3, Mineral Dust

**Engineering measures** : Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

**Personal protective equipment**

**Respiratory protection** : Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

**Hand protection**  
Remarks

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Eye protection**

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

**Skin and body protection**

: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

**Hygiene measures**

: Avoid contact with skin, eyes and clothing.



Wash hands before breaks and immediately after handling the product.  
Remove contaminated clothing and protective equipment before entering eating areas.  
Wash thoroughly after handling.

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## 9. Physical and chemical properties

Appearance	:	paste
Color	:	black
Odor	:	odorless
Odor Threshold	:	no data available
Flash point	:	> 199.99 °F (> 93.33 °C)
Ignition temperature	:	not applicable
Decomposition temperature	:	no data available
Lower explosion limit (Vol%)	:	no data available
Upper explosion limit (Vol%)	:	no data available
Flammability (solid, gas)	:	no data available
Oxidizing properties	:	no data available
Autoignition temperature	:	no data available
pH	:	Note: not applicable
Melting point/range / Freezing point	:	no data available
Boiling point/boiling range	:	no data available
Vapor pressure	:	no data available
Density	:	ca. 1.2 g/cm <sup>3</sup> at 73 °F (23 °C)
Water solubility	:	Note: insoluble
Partition coefficient: n- octanol/water	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	> 20.5 mm <sup>2</sup> /s at 104 °F (40 °C)
Relative vapor density	:	no data available
Evaporation rate	:	no data available



Burning rate : no data available

Volatile organic compounds (VOC) content : 30 g/l

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**10. Stability and reactivity**

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : The product is chemically stable.

Possibility of hazardous reactions : Stable under recommended storage conditions.

Conditions to avoid : no data available

Incompatible materials : no data available

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**11. Toxicological information**

**Acute toxicity**

**Product**

Acute oral toxicity : no data available

Acute inhalation toxicity : no data available

Acute dermal toxicity : no data available

**Ingredients:**

**Carbon black :**

Acute oral toxicity : LD50 Oral rat: > 8,000 mg/kg

**4,4'-methylenediphenyl diisocyanate :**

Acute inhalation toxicity : Acute toxicity estimate : 1.5 mg/l  
Test atmosphere: dust/mist  
Method: Expert judgment

**3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate :**

Acute oral toxicity : LD50 Oral rat: 4,814 mg/kg

Acute inhalation toxicity : LC50 rat: 0.031 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 Dermal rat: > 7,000 mg/kg

**3-trimethoxysilylpropane-1-thiol :**





Acute oral toxicity : LD50 Oral rat: 1,701 mg/kg

Acute dermal toxicity : LD50 Dermal rat: 2,583 mg/kg

**Skin corrosion/irritation**

Product

no data available

**Serious eye damage/eye irritation**

Product

no data available

**Respiratory or skin sensitization**

Product

May cause an allergic skin reaction.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Germ cell mutagenicity**

Product

Mutagenicity : no data available

**Carcinogenicity**

Product

Carcinogenicity : Suspected of causing cancer.

**IARC**

Group 2B: Possibly carcinogenic to humans

Carbon black 1333-86-4

ethylbenzene 100-41-4

**NTP**

not applicable

**Reproductive Toxicity/Fertility**

Product

Reproductive toxicity : no data available

**Reproductive Toxicity/Development/Teratogenicity**

Product

Teratogenicity : no data available

**STOT-single exposure**

Product

Assessment: no data available

**STOT-repeated exposure**

Reports have associated repeated and prolonged exposure to some of the chemicals in this product



with permanent brain,liver, kidney and nervous system damage. Intentional misuse by deliberate concentration and inhalation of vapors may be harmful or fatal. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

**Product**

Assessment: no data available

**Aspiration toxicity**

**Product**

no data available

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**12. Ecological information**

Other information Do not empty into drains; dispose of this material and its container in a safe way. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Component:**

Carbon black	1333-86-4	<u>Toxicity to fish:</u> LC50 Species: Brachydanio rerio (zebrafish) Dose: > 1,000 mg/l Exposure time: 96 h
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3-trimethoxysilylpropane-1-thiol	4420-74-0	<u>Toxicity to fish:</u> LC50 Species: Lepomis macrochirus (Bluegill sunfish) Dose: 12.3 mg/l Exposure time: 96 h
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Toxicity to daphnia and other aquatic invertebrates:  
EC50  
Species: Daphnia  
Dose: 6.7 mg/l  
Exposure time: 48 h

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**13. Disposal considerations**

**Disposal methods**

Waste from residues : Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.



**14. Transport information**

**DOT**

Not dangerous goods

**IATA**

Not dangerous goods

**IMDG**

Not dangerous goods

**Special precautions for user**

no data available

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

not applicable

**15. Regulatory information**

**TSCA list** : All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

**EPCRA - Emergency Planning and Community Right-to-Know**

**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA304 Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Chronic Health Hazard  
Acute Health Hazard

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

xylene	1330-20-7	2.00 %
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**Clean Air Act**

**Ozone-Depletion Potential**

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

xylene	1330-20-7	2.00 %
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Safety Data Sheet

SikaTack® Ultrafast US



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This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

California Prop 65

WARNING! This product contains a chemical known in the State of California to cause cancer.
WARNING: This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

16. Other information

HMIS Classification

Table with 2 columns: Hazard Category and Rating. Health: \* 3; Flammability: 1; Physical Hazard: 0; Personal Protection: X

Caution: HMIS® rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® rating is not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them.

Notes to Reader

The information contained in this Safety Data Sheet applies only to the actual Sika Corporation ("Sika") product identified and described herein. This information is not intended to address, nor does it address the use or application of the identified Sika product in combination with any other material, product or process.

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