

# SAFETY DATA SHEET

## Sika Ucrete TCCS PTA orange Formerly Ucrete TCCS PTA orange



Version 1.0      Revision Date: 05/06/2022      SDS Number: 000000940400      Date of last issue: -  
Date of first issue: 05/06/2022

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### SECTION 1. IDENTIFICATION

Product name : Sika Ucrete TCCS PTA orange Formerly Ucrete TCCS PTA orange

Product code : 000000000050107342

#### Manufacturer or supplier's details

Company name of supplier : Sika MBCC US LLC

Address : 201 POLITO AVE  
Lyndhurst NJ 07071

Emergency telephone : ChemTel: +1-813-248-0585

#### Recommended use of the chemical and restrictions on use

Recommended use : Floor coating

Restrictions on use : Reserved for industrial and professional use.

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### SECTION 2. HAZARDS IDENTIFICATION

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


Skin irritation : Category 2

Skin sensitization : Category 1

Short-term (acute) aquatic hazard : Category 3

Long-term (chronic) aquatic hazard : Category 3

#### GHS label elements

Hazard pictograms : 

Signal Word : Warning

Hazard Statements : H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H402 Harmful to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

# SAFETY DATA SHEET

## Sika Ucrete TCCS PTA orange Formerly Ucrete TCCS PTA orange



Version 1.0      Revision Date: 05/06/2022      SDS Number: 00000940400      Date of last issue: -  
Date of first issue: 05/06/2022

Precautionary Statements : **Prevention:**  
P261 Avoid breathing mist or vapors.  
P264 Wash skin thoroughly after handling.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves.

**Response:**  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.

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

**Other hazards**  
None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Blend based on:  
methacrylates  
acrylates

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
Silicon dioxide	7631-86-9	$\geq 20 - < 30$
Kaolin	1332-58-7	$\geq 5 - < 10$
(5-ethyl-1,3-dioxan-5-yl)methyl acrylate	66492-51-1	$\geq 5 - < 10$
aliphatic urethane acrylate	82339-26-2	$\geq 5 - < 10$
Trimethylolpropane trimethacrylate	3290-92-4	$\geq 1 - < 5$
Iron oxide	1309-37-1	$\geq 1 - < 5$
Mica group minerals	12001-26-2	$\geq 1 - < 5$
Distillates (petroleum), hydrotreated middle	64742-46-7	$\geq 1 - < 5$
Paraffin wax	8002-74-2	$\geq 1 - < 5$
Titanium dioxide	13463-67-7	$\geq 0.1 - < 1$
Ethoxylated 4-methylaniline	103671-44-9	$\geq 0.1 - < 1$
Trimethylolpropane triacrylate	15625-89-5	$\geq 0.1 - < 1$

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.

# SAFETY DATA SHEET

## Sika Ucrete TCCS PTA orange Formerly Ucrete TCCS PTA orange



Version 1.0      Revision Date: 05/06/2022      SDS Number: 000000940400      Date of last issue: -  
Date of first issue: 05/06/2022

---

- Immediately remove contaminated clothing.
- If inhaled : Keep patient calm, remove to fresh air.  
If symptoms persist, seek medical advice.
- 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 : Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
- If swallowed : Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.  
Do not induce vomiting unless told to by a poison control center or doctor.
- Most important symptoms and effects, both acute and delayed : Causes skin irritation.  
May cause an allergic skin reaction.
- Notes to physician : Treat symptomatically.
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### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Foam  
Water spray  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : water jet
- Hazardous combustion products : harmful vapours  
nitrogen oxides  
fumes/smoke  
carbon black
- Further information : The degree of risk is governed by the burning substance and the fire conditions.  
If exposed to fire, keep containers cool by spraying with water.  
Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.  
Contaminated extinguishing water must be disposed of in accordance with official regulations.
- Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.
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### SECTION 6. ACCIDENTAL RELEASE MEASURES

# SAFETY DATA SHEET

## Sika Ucrete TCCS PTA orange Formerly Ucrete TCCS PTA orange



Version 1.0      Revision Date: 05/06/2022      SDS Number: 00000940400      Date of last issue: -  
Date of first issue: 05/06/2022

- Personal precautions, protective equipment and emergency procedures : Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
Wear eye/face protection.  
Use personal protective clothing.  
Handle in accordance with good building materials hygiene and safety practice.
- Environmental precautions : Contain contaminated water/firefighting water.  
Do not discharge into drains/surface waters/groundwater.
- Methods and materials for containment and cleaning up : Pick up with suitable appliance and dispose of.  
Dispose of absorbed material in accordance with regulations.

### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : The product is neither self-ignitable, nor an explosion hazard, nor does it promote fires.
- Advice on safe handling : Avoid inhalation of dusts/mists/vapours.  
Avoid skin contact.  
Ensure adequate ventilation.  
No special measures necessary provided product is used correctly.
- Further information on storage conditions : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.  
Protect from direct sunlight.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Silicon dioxide	7631-86-9	TWA (Dust)	20 Million particles per cubic foot (Silica)	OSHA Z-3
		TWA (Dust)	80 mg/m3 / %SiO2 (Silica)	OSHA Z-3
		TWA (Respirable dust)	0.05 mg/m3 (Silica)	NIOSH REL
		TWA	6 mg/m3 (Silica)	NIOSH REL
Kaolin	1332-58-7	TWA (Respirable particulate matter)	2 mg/m3	ACGIH
		TWA (Respirable)	5 mg/m3	NIOSH REL
		TWA (total)	10 mg/m3	NIOSH REL
		TWA (total)	15 mg/m3	OSHA Z-1

# SAFETY DATA SHEET

## Sika Ucrete TCCS PTA orange Formerly Ucrete TCCS PTA orange



Version  
1.0

Revision Date:  
05/06/2022

SDS Number:  
00000940400

Date of last issue: -  
Date of first issue: 05/06/2022

		dust)		
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3	OSHA P0
Trimethylolpropane trimethacrylate	3290-92-4	TWA	1 mg/m3	US WEEL
Iron oxide	1309-37-1	TWA (Respirable particulate matter)	5 mg/m3	ACGIH
		TWA (dust and fume)	5 mg/m3 (Iron)	NIOSH REL
		TWA (Fumes)	10 mg/m3	OSHA Z-1
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Fumes)	10 mg/m3	OSHA P0
Mica group minerals	12001-26-2	TWA (Respirable particulate matter)	0.1 mg/m3	ACGIH
		TWA (Dust)	20 Million particles per cubic foot	OSHA Z-3
		TWA (Respirable)	3 mg/m3	NIOSH REL
		TWA (respirable dust fraction)	3 mg/m3	OSHA P0
Distillates (petroleum), hydrotreated middle	64742-46-7	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Mist)	5 mg/m3	OSHA P0
		TWA (Mist)	5 mg/m3	NIOSH REL
		ST (Mist)	10 mg/m3	NIOSH REL
Paraffin wax	8002-74-2	TWA (Fumes)	2 mg/m3	ACGIH
		TWA (Fumes)	2 mg/m3	NIOSH REL
		TWA (Fumes)	2 mg/m3	OSHA P0
Titanium dioxide	13463-67-7	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA	10 mg/m3 (Titanium dioxide)	ACGIH

# SAFETY DATA SHEET

## Sika Ucrete TCCS PTA orange Formerly Ucrete TCCS PTA orange



Version 1.0      Revision Date: 05/06/2022      SDS Number: 000000940400      Date of last issue: -  
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Trimethylolpropane triacrylate	15625-89-5	TWA	1 mg/m3	US WEEL
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**Engineering measures** : Ensure adequate ventilation.

### Personal protective equipment

**Respiratory protection** : Wear appropriate certified respirator when exposure limits may be exceeded.  
Use NIOSH approved respiratory protection.

**Hand protection**

**Remarks** : Chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.

**Eye protection** : Wear safety glasses with side shields or goggles.

**Skin and body protection** : Body protection must be chosen based on level of activity and exposure.

**Protective measures** : Do not inhale dust/fumes/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, drink or smoke.  
Hands and/or face should be washed before breaks and at the end of the shift.  
At the end of the shift the skin should be cleaned and skin-care agents applied.  
Gloves must be inspected regularly and prior to each use.  
Replace if necessary (e.g. pinhole leaks).

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : liquid

**Color** : orange

**Odor** : acrylic-like

**Odor Threshold** : not determined

**pH** : ca. 6

**Melting point** : not determined

**Boiling point** : No data available

# SAFETY DATA SHEET

## Sika Ucrete TCCS PTA orange Formerly Ucrete TCCS PTA orange



Version 1.0      Revision Date: 05/06/2022      SDS Number: 000000940400      Date of last issue: -  
Date of first issue: 05/06/2022

---

Flash point : 212 °F / 100 °C

Evaporation rate : not determined

Flammability (liquids) : The product is not flammable.

Self-ignition : not self-igniting

Upper explosion limit / Upper flammability limit : Not applicable

Lower explosion limit / Lower flammability limit : Not applicable

Vapor pressure : not determined

Relative vapor density : not determined

Relative density : No data available

Density : 1.430 g/cm<sup>3</sup> (68 °F / 20 °C)

Solubility(ies)

    Water solubility : not determined

    Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : not applicable for mixtures

Autoignition temperature : Not applicable

Decomposition temperature : Not applicable

Viscosity

    Viscosity, dynamic : 5,600 mPa.s  
    Method: N-114; Brookfield Viscosity

    Viscosity, kinematic : No data available

Explosive properties : Not explosive

Oxidizing properties : not fire-propagating

Sublimation point : No data available

Molecular weight : No data available

Metal corrosion rate : Corrosive effects to metal are not anticipated.

# SAFETY DATA SHEET

## Sika Ucrete TCCS PTA orange Formerly Ucrete TCCS PTA orange



Version 1.0	Revision Date: 05/06/2022	SDS Number: 000000940400	Date of last issue: - Date of first issue: 05/06/2022
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### SECTION 10. STABILITY AND REACTIVITY

- Reactivity : No hazardous reactions if stored and handled as prescribed/indicated.
- Chemical stability : The product is stable if stored and handled as prescribed/indicated.
- Possibility of hazardous reactions : The product is stable if stored and handled as prescribed/indicated.
- Conditions to avoid : See SDS section 7 - Handling and storage.
- Incompatible materials : Strong acids  
Strong bases  
Strong oxidizing agents  
Strong reducing agents
- Hazardous decomposition products : 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

Causes skin irritation.

#### Serious eye damage/eye irritation

Not classified based on available information.

#### 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 Titanium dioxide	13463-67-7
Group 2B: Possibly carcinogenic to humans Trimethylolpropane triacrylate	15625-89-5

#### Reproductive toxicity

Not classified based on available information.



# SAFETY DATA SHEET

## Sika Ucrete TCCS PTA orange Formerly Ucrete TCCS PTA orange



Version 1.0      Revision Date: 05/06/2022      SDS Number: 000000940400      Date of last issue: -  
Date of first issue: 05/06/2022

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### 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 : The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Product:

### Ecotoxicology Assessment

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

No data available

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Observe national and local legal requirements. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. The use and processing of this product, or addition of other

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## Sika Ucrete TCCS PTA orange Formerly Ucrete TCCS PTA orange



Version 1.0      Revision Date: 05/06/2022      SDS Number: 000000940400      Date of last issue: -  
Date of first issue: 05/06/2022

---

constituents, may cause it to be considered a hazardous waste.  
Residues should be disposed of in the same manner as the substance/product.

Contaminated packaging : Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.  
Packs that cannot be cleaned should be disposed of in the same manner as the contents.

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### 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

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### SECTION 15. REGULATORY INFORMATION

#### US State Regulations

##### Pennsylvania Right To Know

Silicon dioxide	7631-86-9
Kaolin	1332-58-7
Iron oxide	1309-37-1
Mica group minerals	12001-26-2
Distillates (petroleum), hydrotreated middle	64742-46-7
Paraffin wax	8002-74-2
n-Butyl acetate	123-86-4
butan-2-ol	78-92-2
Distillates (petroleum), hydrotreated light	64742-47-8
toluene	108-88-3
cyclohexane	110-82-7

##### New Jersey Right To Know

Silicon dioxide	7631-86-9
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## Sika Ucrete TCCS PTA orange Formerly Ucrete TCCS PTA orange



Version 1.0      Revision Date: 05/06/2022      SDS Number: 00000940400      Date of last issue: -  
Date of first issue: 05/06/2022

Kaolin 1332-58-7  
Iron oxide 1309-37-1  
Mica group minerals 12001-26-2  
Paraffin wax 8002-74-2

### California Prop. 65

WARNING: This product can expose you to chemicals including Titanium dioxide, which is/are known to the State of California to cause cancer, and toluene, 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](http://www.P65Warnings.ca.gov).

### The ingredients of this product are reported in the following inventories:

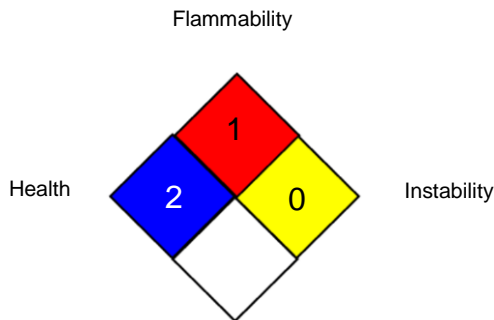
TSCA : All substances listed as active on the TSCA inventory

DSL : This product contains one or more components listed on the Canadian NDSL. All other components are on the Canadian DSL.

## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA 704:



#### HMIS® IV:

HEALTH		
FLAMMABILITY		
PHYSICAL HAZARD		

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)  
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 Limits for Air Contaminants  
OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts  
US WEEL : USA. Workplace Environmental Exposure Levels (WEEL)

# SAFETY DATA SHEET

## Sika Ucrete TCCS PTA orange Formerly Ucrete TCCS PTA orange



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	05/06/2022	000000940400	Date of first issue: 05/06/2022

ACGIH / TWA	:	8-hour, time-weighted average
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 P0 / TWA	:	8-hour time weighted average
OSHA Z-1 / TWA	:	8-hour time weighted average
OSHA Z-3 / TWA	:	8-hour time weighted average
US WEEL / TWA	:	8-hr TWA

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; TECl - 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 : 05/06/2022

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.

# SAFETY DATA SHEET

## Sika Ucrete TCCS PTA orange Formerly Ucrete TCCS PTA orange



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	05/06/2022	00000940400	Date of first issue: 05/06/2022

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