

SAFETY DATA SHEET

SikaUcrete PT4 green Formerly Ucrete PT4 green



Version 1.0 Revision Date: 08/19/2020 SDS Number: 000000481981 Date of last issue: -
Date of first issue: 08/19/2020

SECTION 1. IDENTIFICATION

Product name : SikaUcrete PT4 green Formerly Ucrete PT4 green
Product code : 000000000050271665

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 : Product for construction chemicals
Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

No need for classification according to GHS criteria for this product.

GHS label elements

The product does not require a hazard warning label in accordance with GHS criteria.

Other hazards

No data available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : No data available.

Components

Chemical name	CAS-No.	Concentration (% w/w)
dichromium trioxide	1308-38-9	>= 25 - < 50

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.

SAFETY DATA SHEET

SikaUcrete PT4 green Formerly Ucrete PT4 green



Version 1.0	Revision Date: 08/19/2020	SDS Number: 000000481981	Date of last issue: - Date of first issue: 08/19/2020
----------------	------------------------------	-----------------------------	--

- 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 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 : None known.
- Notes to physician : Treat symptomatically.
-

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray
Foam
Dry powder
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire fighting : See SDS section 10 - Stability and reactivity.
- Hazardous combustion products : harmful vapours
nitrogen oxides
fumes/smoke
carbon black
carbon oxides
- 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 self-contained breathing apparatus for firefighting if necessary.
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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Do not breathe vapour/aerosol/spray mists.
Wear eye/face protection.
If exposed to high vapour concentration, leave area immedi-
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SAFETY DATA SHEET

SikaUcrete PT4 green Formerly Ucrete PT4 green



Version 1.0 Revision Date: 08/19/2020 SDS Number: 000000481981 Date of last issue: -
Date of first issue: 08/19/2020

- ately.
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 : Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, 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 : Electrical installations / working materials must comply with the technological safety standards.
- 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.
- Materials to avoid : No applicable information available.

No materials to be especially mentioned.
- Recommended storage temperature : 41 °F / 5 °C

86 °F / 30 °C
- Further information on storage stability : Minimum storage temperature:

Maximum storage temperature:

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
dichromium trioxide	1308-38-9	PEL	0.5 mg/m ³ (Chromium (Cr))	29 CFR 1910.1000 (Table Z-1)

SAFETY DATA SHEET

SikaUcrete PT4 green Formerly Ucrete PT4 green



Version 1.0 Revision Date: 08/19/2020 SDS Number: 000000481981 Date of last issue: -
Date of first issue: 08/19/2020

		TWA value	1 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA value (Inhalable fraction)	0.003 mg/m3 (chromium(III))	ACGIHTLV
		REL value	0.5 mg/m3 (chromium(III))	NIOSH
		TWA	0.5 mg/m3 (chromium)	OSHA Z-1
		TWA	0.5 mg/m3 (chromium)	NIOSH REL

Engineering measures : No applicable information available.

Personal protective equipment

Respiratory protection : Wear respiratory protection if ventilation is inadequate.

Hand protection

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

Eye protection : Safety glasses with side-shields.

Skin and body protection : light protective clothing

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, 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.
Remove contaminated clothing immediately and clean before re-use or dispose it if necessary.
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 : green

SAFETY DATA SHEET

SikaUcrete PT4 green Formerly Ucrete PT4 green



Version 1.0 Revision Date: 08/19/2020 SDS Number: 000000481981 Date of last issue: -
Date of first issue: 08/19/2020

Odor : characteristic

Odor Threshold : No data available

pH : not applicable

Melting point : No applicable information available.

boiling temperature : not applicable

Flash point : > 482 °F / > 250 °C
Method: Flashpoint test using closed cup, determination of flashpoint.

Evaporation rate : not determined

Flammability (solid, gas) : not highly flammable

Vapor pressure : No data available

Relative vapor density : not determined

Relative density : No applicable information available.

Density : approx. 1.4 g/cm³ (68 °F / 20 °C)

Solubility(ies)
Water solubility : practically insoluble (68 °F / 20 °C)
Solubility in other solvents : No applicable information available.

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

Autoignition temperature : No data available

Decomposition temperature : No decomposition if stored and handled as prescribed/indicated.

Viscosity
Viscosity, dynamic : not applicable
Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive
Not explosive

Oxidizing properties : not fire-propagating

Sublimation point : No applicable information available.

SAFETY DATA SHEET

SikaUcrete PT4 green Formerly Ucrete PT4 green



Version 1.0	Revision Date: 08/19/2020	SDS Number: 000000481981	Date of last issue: - Date of first issue: 08/19/2020
----------------	------------------------------	-----------------------------	--

Molecular weight : No data available

Metal corrosion rate : No corrosive effect on metal.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : Stable under recommended storage conditions.
No hazards to be specially mentioned.

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.

Product:

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.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

SAFETY DATA SHEET

SikaUcrete PT4 green Formerly Ucrete PT4 green



Version 1.0 Revision Date: 08/19/2020 SDS Number: 000000481981 Date of last issue: -
Date of first issue: 08/19/2020

Carcinogenicity

Not classified based on available information.

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.

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.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

Components:

dichromium trioxide:

Partition coefficient: n-octanol/water : Remarks: The value has not been determined because the substance is inorganic.

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information : There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SAFETY DATA SHEET

SikaUcrete PT4 green Formerly Ucrete PT4 green



Version 1.0 Revision Date: 08/19/2020 SDS Number: 000000481981 Date of last issue: -
Date of first issue: 08/19/2020

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

- Waste from residues : Dispose of in accordance with local authority regulations. Do not discharge into drains/surface waters/groundwater. Residues should be disposed of in the same manner as the substance/product.
- Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.
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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

SECTION 15. REGULATORY INFORMATION

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

dichromium trioxide 1308-38-9

US State Regulations

Pennsylvania Right To Know

dichromium trioxide	1308-38-9
1,2-Benzenedicarboxylic acid, benzyl C7-9-branched and linear alkyl esters	68515-40-2

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

TSCA : On the inventory, or in compliance with the inventory

SAFETY DATA SHEET

SikaUcrete PT4 green Formerly Ucrete PT4 green

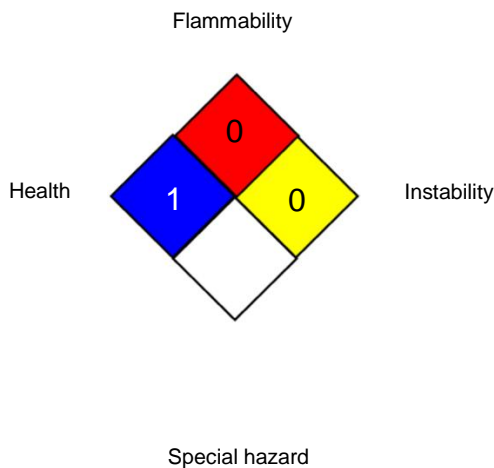


Version 1.0 Revision Date: 08/19/2020 SDS Number: 000000481981 Date of last issue: -
Date of first issue: 08/19/2020

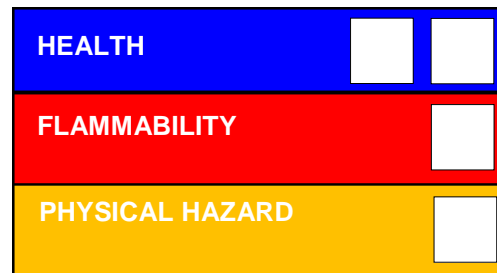
SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:



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

- 29 CFR 1910.1000 (Table Z-1-A) : OSHA - Table Z-1-A (29 CFR 1910.1000)
- 29 CFR 1910.1000 (Table Z-1) : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000
- 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 Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
- 29 CFR 1910.1000 (Table Z-1-A) / TWA value : Time Weighted Average (TWA):
- 29 CFR 1910.1000 (Table Z-1) / PEL : Permissible exposure limit
- ACGIHTLV / TWA value : Time Weighted Average (TWA):
- NIOSH / REL value : Recommended exposure limit (REL):
- NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
- 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 Har-

SAFETY DATA SHEET

SikaUcrete PT4 green Formerly Ucrete PT4 green



Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08/19/2020	00000481981	Date of first issue: 08/19/2020

monized 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

Revision Date : 08/19/2020

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