

SAFETY DATA SHEET

According to OSHA Hazard Communication
Standard 29CFR 1910.1200 (HCS 2012)



VETRICERAMICI

SEDE LEGALE e A.M.M. V.A. - HUB TECNOLOGICO, R&D
| Via Canaletto, 138/140 | 41042 FIORANO (MO) | Tel +39 0536 836711 | Fax +39 0536 836710
SEDE COMM. ESICALE, ASSISTENZA T.I.E.
| Via Madonna del Segrato, 25 | 41042 SPEZZANO (MO) | Tel +39 0536 920729 | Fax +39 0536 920225
STABILIMENTO PRODUTTIVO
| Via M. Aglio, 35 | 48032 CASOLA V. ALBERIO (RA) | Tel +39 0546 76711 | Fax +39 0546 73302



1154581

CT1803 RED GLAZE STAIN

Product specification: -

Review date: 19/06/2024

Review: 3

Print Date: 19/06/2024

Material number: 1154581

Page: Pagina 1 di 10

SECTION 1. IDENTIFICATION

Product name : **1154581**
CT1803 RED GLAZE STAIN

Material number : **1154581**

Manufacturer or supplier's details

Company name of supplier : VetriCerAMICI SRL
Address : Via Canaletto, 138/140 - 41042 Fiorano Modenese (MO) - Italy - Tel. +39 0536 836711
Telephone :

Emergency telephone number

In-Country Number : See also section 16
CHEMTREC Global Number : -

Recommended use of chemical and restrictions on use

Recommended use : Ceramic Applications
Consult the technical guidelines for the use of this substance/mixture.



Supplied by Oxerra Australasia Pty Ltd
103 Vanessa Street, Kingsgrove NSW 2208
T: (02) 9336 1000 After Hours 0418 221 249
www.oxerra.com

POISONS INFORMATION CENTER
13 11 26 from anywhere in Australia
0800 764 766 from New Zealand

SECTION 2. HAZARD IDENTIFICATION

GHS Classification

Aquatic Chronic 3; H412: Harmful to aquatic life with long lasting effects.

GHS Label element

Danger indications:
Signal word: -

H412 Harmful to aquatic life with long lasting effects.
P273 Avoid release to the environment.
P501 Dispose of contents/container in a licensed waste disposal facility.

Other hazards

None know.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : **Mixture**
Chemical nature : Pigment/Colouring

Hazardous components

SAFETY DATA SHEET

According to OSHA Hazard Communication
Standard 29CFR 1910.1200 (HCS 2012)



VETRICERAMICI

SEDE LEGALE e A.M.M. V.A. - HUB TECNOLOGICO, R&D
| Via Canaletto, 138/140 | 41042 FIORANO (MO) | Tel +39 0536 828711 | Fax +39 0536 839710
SEDE COMM. ESICALE, ASSISTENZA TALE
| Via Madonna del Segrato, 25 | 41042 SPEZZANO (MO) | Tel +39 0536 920729 | Fax +39 0536 920225
STABILIMENTO PRODUTTIVO
| Via M.aggio, 35 | 48032 CASOLA V. ALBERIO (RN) | Tel +39 0546 76711 | Fax +39 0546 73302



1154581

CT1803 RED GLAZE STAIN

Product specification: -

Review date: 19/06/2024

Review: 3

Print Date: 19/06/2024

Material number: 1154581

Page: Pagina 2 di 10

Feldspar CAS: 68476-25-5; EINECS: 270-666-7	40,00% - 70,00%
Zirconium zircon with encapsulated cadmium selenium sulphide CAS: 102184-95-2; EINECS: 701-413-5	20,00% - 40,00%
Aquatic Chronic 3;H412	
Zirconium silicate CAS: 14940-68-2; EINECS: 239-019-6	20,00% - 40,00%

SECTION 4. FIRST AID MEASURES

- General advice : Consult a physician.
- If inhaled : Remove to fresh air.
If symptoms persist, call a physician.
- In case of skin contact : If skin irritation persists, call a physician.
- In case of eye contact : Rinse immediately with plenty of water and seek medical advice.
- If swallowed : If accidentally swallowed obtain immediate medical attention.
- Most important symptoms and effects, both acute and delayed : None known.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- In case of fire, intervene immediately with the equipment on the means for the ADR transport to extinguish the fire and prevent it from affecting the product. Do not use chemical or powder extinguishers on the product.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Follow safe handling advice and personal protective equipment recommendations.
- Environmental precautions : Do not allow uncontrolled discharge of product into the environment.
- Methods and materials for containment and cleaning up : Sweep up and shovel into suitable containers for disposal.
Clean contaminated floors and objects thoroughly while observing environmental regulations.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Avoid inhalation, ingestion and contact with skin and eyes.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.

SAFETY DATA SHEET

According to OSHA Hazard Communication
Standard 29CFR 1910.1200 (HCS 2012)



VETRICERAMICI

SEDE LEGALE e A.M.M. V.A. - HUB TECNOLOGICO, R&D
| Via Canaletto, 138/140 | 41042 FIORANO (MO) | tel +39 0536 828711 | fax +39 0536 839719
SEDE COMM. ESICALE, ASSISTENZA TALE
| Via Madonna del Sagrato, 25 | 41042 SPEZZANO (MO) | tel +39 0536 820729 | fax +39 0536 820225
STABILIMENTO PRODUTTIVO
| Via M.aggio, 35 | 48032 CASOLA V. ALBERIO (PR) | tel +39 0546 76711 | fax +39 0546 73302



Responsible Care



ISO 14001:2015 Site di Fiorano Modenese



ISO 9001:2015

1154581

CT1803 RED GLAZE STAIN

Product specification: -

Review date: 19/06/2024

Review: 3

Print Date: 19/06/2024

Material number: 1154581

Page: Pagina 3 di 10

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

TLV (ACGIH)	Feldspar TWA: 2 mg/mc
TLV (ACGIH)	Zirconium zircon with encapsulated cadmium selenium sulphide TWA: 3 mg/mc (respirable fraction) - STEL: 10 mg/mc (inhalable fraction)
TLV (ACGIH)	Zirconium silicate TWA: 5 mg/mc
VLE	Zirconium silicate 10 mg/mc

Engineering measures : Apply technical measures to comply with the occupational exposure limits.
Provide adequate ventilation.

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection : For prolonged or repeated contact use protective gloves.

Eye protection : Safety glasses

Protective measures : Wear suitable protective equipment.
When using do not eat, drink or smoke.

Hygiene measures : Wash hands before breaks and immediately after handling the product.

SAFETY DATA SHEET

According to OSHA Hazard Communication
Standard 29CFR 1910.1200 (HCS 2012)



VETRICERAMICI

SEDE LEGALE e A.M.M. V.A. - HUB TECNOLOGICO, R&D
| Via Canaletto, 138/140 | 41042 FIORANO (MO) | tel +39 0536 828711 | fax +39 0536 839719
SEDE COMM. ESICALE, ASSISTENZA T.I.E.
| Via Madonna del Sagrato, 25 | 41042 SPEZZANO (MO) | tel +39 0536 920729 | fax +39 0536 920229
STABILIMENTO PRODUTTIVO
| Via M.aggio, 35 | 48032 CASOLA V. ALBERIO (PR) | tel +39 0546 76711 | fax +39 0546 73302



1154581

CT1803 RED GLAZE STAIN

Product specification: -

Review date: 19/06/2024

Review: 3

Print Date: 19/06/2024

Material number: 1154581

Page: Pagina 4 di 10

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Powder
Colour	: Coloured (Rosso - Red)
Odour	: Odourless
Odour Threshold	: No data available
pH	: Undetermined
Melting point/freezing point	: Undetermined
Boiling point/boiling range	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Density	: Undetermined
Viscosity	: Undetermined
Solubility(ies)	
Solubility in other solvents	: Not soluble
Auto-ignition temperature	: Not applicable
Combustibility	: Not combustible
Corrosive	: Not corrosive
Volatile	: Not Volatile
Oxidizing properties	: No data available
Refractive index	: No data available
Volatile organic compounds (VOC) content	: This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489). This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: The product is chemically stable.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Specific information about the product are not available.

The following information are assumed from the toxicological behaviour of the components; whenever they are available.

SAFETY DATA SHEET

According to OSHA Hazard Communication
Standard 29CFR 1910.1200 (HCS 2012)



VETRICERAMICI

SEDE LEGALE e A.M.M. V.A. - HUB TECNOLOGICO, R&D
| Via Canletto, 138/140 | 41042 FIORANO (MO) | tel +39 0536 828711 | fax +39 0536 839719
SEDE COMM. ESICALE, ASSISTENZA T.I.E.
| Via Madonna del Sagrato, 25 | 41042 SPEZZANO (MO) | tel +39 0536 820729 | fax +39 0536 820225
STABILIMENTO PRODUTTIVO
| Via M.aggio, 35 | 48032 CASOLA V. ALBINO (PR) | tel +39 0546 76711 | fax +39 0546 73302



1154581

CT1803 RED GLAZE STAIN

Product specification: -

Review date: 19/06/2024

Review: 3

Print Date: 19/06/2024

Material number: 1154581

Page: Pagina 6 di 10

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

At the moment specific data are available on the environmental impact of the product.
It is recommended to limit the leakage in the environment as much as possible.

Persistence and degradability

Remarks: No data available

Bioaccumulative potential

Remarks: No data available

Mobility in soil

Remarks: No data available

Other adverse effects

Product

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: 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)

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of wastes in an approved waste disposal facility.

SECTION 14. TRANSPORT INFORMATION

14.1 UN number or ID number

Not restricted

14.2 UN proper shipping name

Not restricted

14.3 Transport hazard class(es)

Not restricted

14.4 Packing group

Not restricted

14.5 Environmental hazards

Environmentally hazardous substance: Not restricted

Marine Not restricted

14.6 Special precautions for user

Not restricted

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

There aren't other informations

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

Not applicable for product as supplied.

National Regulations

49 CFR

Not regulated as a dangerous good

SAFETY DATA SHEET

According to OSHA Hazard Communication
Standard 29CFR 1910.1200 (HCS 2012)



VETRICERAMICI

SEDE LEGALE e A.M.M. V.A. - HUB TECNOLOGICO, R&D
| Via Canaletto, 138/140 | 41042 FIORANO (MO) | Tel. +39 0536 828711 | Fax +39 0536 839719
SEDE COMM. ESICALE, ASSISTENZA T.I.E.
| Via Madonna del Sagrato, 25 | 41042 SPEZZANO (MO) | Tel. +39 0536 820729 | Fax +39 0536 820225
STABILIMENTO PRODUTTIVO
| Via Maggio, 35 | 48032 CASOLA V. ALBERIO (PR) | Tel. +39 0546 76711 | Fax +39 0546 73302



Responsible Care



ISO 14001:2015 Sito di Fiorano Modenese



1154581

CT1803 RED GLAZE STAIN

Product specification: -

Review date: 19/06/2024

Review: 3

Print Date: 19/06/2024

Material number: 1154581

Page: Pagina 8 di 10

IECSC (China)	:	On the inventory, or in compliance with the inventory
TCSI (Taiwan)	:	On the inventory, or in compliance with the inventory
CICR (Turkey)	:	On the inventory, or in compliance with the inventory
INSQ (Mexico)	:	On the inventory, or in compliance with the inventory

The indications in the following sheet are based on the knowledge presently available.
We do not assume any responsibility about their incompleteness and imprecision.

Poison control centers (national)

CAV - Ospedale Pediatrico Bambino Gesù - Dip. Emergenza e Accettazione (Roma) - Tel. +39 06 68593726

Azienda Ospedaliera Università di Foggia (Foggia) - Tel. 800183459

Azienda Ospedaliera "A. Cardarelli" (Napoli) - Tel. +39 081 5453333

CAV - Policlinico "Umberto I" (Roma) - Tel. +39 06 49978000

CAV - Policlinico "A. Gemelli" (Roma) - Tel. +39 06 3054343

Azienda Ospedaliera Careggi U.O. Tossicologia Medica (Firenze) - Tel. +39 055 7947819

CAV - Centro Nazionale di Informazione Tossicologica (Pavia) - Tel. +39 0382 24444

Ospedale Niguarda Ca' Granda (Milano) - Tel. +39 02 66101029

Azienda Ospedaliera Papa Giovanni XXII (Bergamo) - Tel. 800883300

Azienda Ospedaliera Integrata Verona (Verona) - Tel. 800011858

Poison control centers (international)

France 0033 (0) 1 454259 9

United Kingdom 0845 4647

Spain 0034 91 562 04 20

Czech Republic 224 919293 / 224 915402

Portugal 808 250143

Hungary 06 1 476 6464

SAFETY DATA SHEET

According to OSHA Hazard Communication
Standard 29CFR 1910.1200 (HCS 2012)



VETRICERAMICI

SEDE LEGALE s.p.a. M.M. V.A. - HUB TECNOLOGICO, R&D
| Via Canaletto, 138/140 | 41042 FIORANO (MO) | tel +39 0536 828711 | fax +39 0536 839719
SEDE COMMERCIALE, ASSISTENZA CLIENTI
| Via Madonna del Sagrato, 25 | 41042 SPEZZANO (MO) | tel +39 0536 920729 | fax +39 0536 920225
STABILIMENTO PRODUTTIVO
| Via M. Aggio, 35 | 48032 CASOLA V. ALBERIO (PR) | tel +39 0546 76711 | fax +39 0546 73362



Responsible Care



ISO 14001:2015 Sito di Fiorano Modenese

1154581

CT1803 RED GLAZE STAIN

Product specification: -

Review date: 19/06/2024

Review: 3

Print Date: 19/06/2024

Material number: 1154581

Page: Pagina 9 di 10

SECTION 16. OTHER INFORMATION

Revision Date : 19/06/2024

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

Relevant sentences

SAFETY DATA SHEET

According to OSHA Hazard Communication
Standard 29CFR 1910.1200 (HCS 2012)



VETRICERAMICI

SEDE LEGALE s.p.a. M.M. V.A. - HUB TECNOLOGICO, R&D
| Via Canaletto, 138/140 | 41042 FIORANO (MO) | tel +39 0536 828711 | fax +39 0536 839719
SEDE COMMERCIALE, ASSISTENZA TALE
| Via Madonna del Sagrato, 25 | 41042 SPEZZANO (MO) | tel +39 0536 920729 | fax +39 0536 920229
STABILIMENTO PRODUTTIVO
| Via M. Aggio, 35 | 48032 CASOLA V. ALBERIO (PR) | tel +39 0546 76711 | fax +39 0546 73302



Responsible Care



ISO 14001:2015 Sito di Fiorano Modenese



1154581

CT1803 RED GLAZE STAIN

Product specification: -

Review date: 19/06/2024

Review: 3

Print Date: 19/06/2024

Material number: 1154581

Page: Pagina 10 di 10

Full text of abbreviations used

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

ICAO: International Civil Aviation Organisation

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. n: Acute toxicity Category n

Asp. Tox. n: Toxic if inhaled Category n

Carc. nn: Carcinogenic Category nn

Expl. n.n: Explosive Category n.n

Eye Dam. n: Serious eye damage Category n

Eye Irrit. n: Serious eye irritation Category n

Flam. Aerosol n: Flammable aerosol Category n

Flam. Gas n: Flammable gas Category n

Flam. Liq. n: Flammable liquid and vapour Category n

Flam. Sol. n: Flammable solid Category n

Lact.: Lactation

Met. Corr. n: Metals corrosive Category n

Muta. nn: Mutagen Category nn

Org. Perox. n: Organic peroxide Category n

Ox. Gas n: Oxidizing gas Category n

Ox. Liq. n: Oxidizing liquid Category n

Ox. Sol. n: Oxidizing solid Category n

Press. Gas: Gas under pressure

Pyr. Liq. n: Liquid pyrophoric Category n

Pyr. Sol. n: Solid pyrophoric Category n

Repr. nn: Toxic for reproduction Category n

Resp. Sens. n: Respiratory sensitizer Category n

Self-heat. n: Self-heating Category n

Self-react. n: Self-reactive Category n

Skin Corr. n: Skin corrosive Category n

Skin Irrit. n: Skin irritating Category n

Skin Sens. n: Skin sensitizer Category n

STOT RE n: Specific target organ toxicity: single exposure Category n

STOT SE n: Specific target organ toxicity: repeated exposure Category n

Unst. Expl.: Explosive

Water-react. n: Water reactive Category n



Supplied by Oxerra Australasia Pty Ltd

103 Vanessa Street, Kingsgrove NSW 2208

T: (02) 9336 1000 After Hours 0418 221 249

www.oxerra.com

POISONS INFORMATION CENTER

13 11 26 from anywhere in Australia

0800 764 766 from New Zealand