



Safety Data Sheet according to (EC) No 1907/2006 as amended

Page 1 of 16

Ceresit CE 40 Aquastatic silver (UA)

SDS No. : 509159
V003.0

Revision: 02.08.2023
printing date: 04.04.2026
Replaces version from:
14.05.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Ceresit CE 40 Aquastatic silver (UA)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use:
Jointing filler

1.3. Details of the supplier of the safety data sheet

Henkel Bautechnik (Ukraine)
Vyshhorod, Novopromyslova St. 2
07302 Kyiv region

Ukraine

Phone: +380 (800) 308 405

SDSinfo.Adhesive@henkel.com

For Safety Data Sheet updates please visit our website <https://mysds.henkel.com/index.html#/appSelection> or www.henkel-adhesives.com.

1.4. Emergency telephone number

0-800-308-405 (24 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (CLP):

Skin irritation	Category 2
H315 Causes skin irritation.	
Serious eye damage	Category 1
H318 Causes serious eye damage.	
Specific target organ toxicity - single exposure	Category 3
H335 May cause respiratory irritation.	

2.2. Label elements

Label elements (CLP):

Hazard pictogram:



Contains

Портланд цемент, сниженное содержание хроматов

Signal word:	Danger
Hazard statement:	H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation.
Precautionary statement:	P102 Keep out of reach of children.
Precautionary statement: Prevention	P260 Do not breathe dust. P280 Wear protective gloves/eye protection.
Precautionary statement: Response	P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor/ physician. P313 Get medical advice/attention.
Precautionary statement: Disposal	P501 Dispose of contents/container in accordance with national regulation.

2.3. Other hazards

Chromate-reduced. Contains cement. Strongly alkaline reaction with moisture, so protect skin and eyes.

Following substances are present in a concentration \geq the concentration limit for depiction in Section 3 and fulfill the criteria for PBT/vPvB, or were identified as endocrine disruptor (ED):

This mixture does not contain any substances in a concentration \geq the concentration limit for depiction in Section 3 that are assessed to be a PBT, vPvB or ED.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Declaration of the ingredients according to CLP (EC) No 1272/2008:

Hazardous components CAS-No. EC Number REACH-Reg No.	Concentration	Classification	Specific Conc. Limits, M-factors and ATEs	Add. Information
Портланд цемент, химикаты 65997-15-1 266-043-4	20- 40 %	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 STOT SE 3, H335	Skin Irrit. 2; H315; C > 1 % ED 1; H318; C > 1 %	
Оксид хрома (III) 1308-38-9 215-160-9 01-2119433951-39	1- < 5 %			EU OEL

For full text of the H - statements and other abbreviations see section 16 "Other information".
Substances without classification may have community workplace exposure limits available.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of adverse health effects seek medical advice.

Inhalation:

Remove person from dust-contaminated zone, seek medical advice if necessary.

Skin contact:

Rinse with running water and soap. Skin care. Remove contaminated clothes immediately.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.
Do not rub eyes; mechanical action may cause corneal damage.

Ingestion:

Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

SKIN: Redness, inflammation.

RESPIRATORY: Irritation, coughing, shortness of breath, chest tightness.

After eye contact: Corrosive, may cause permanent damage to eyes (impairment of vision).

4.3. Indication of any immediate medical attention and special treatment needed

See section: Description of first aid measures

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media:**

carbon dioxide, foam, powder, water spray jet, fine water spray

Extinguishing media which must not be used for safety reasons:

High pressure waterjet

5.2. Special hazards arising from the substance or mixture

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO₂) can be released.

5.3. Advice for firefighters

Wear self-contained breathing apparatus.

Wear protective equipment.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment.
Avoid contact with skin and eyes.
Ensure adequate ventilation.
Avoid dust formation.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.
Inform authorities in the event of product spillage to water courses or sewage systems.

6.3. Methods and material for containment and cleaning up

Dispose of contaminated material as waste according to Section 13.
Remove mechanically.

6.4. Reference to other sections

See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Avoid dust formation.
- Ensure that workrooms are adequately ventilated.
- Avoid skin and eye contact.

Hygiene measures:

- Wash hands before work breaks and after finishing work.
- Do not eat, drink or smoke while working.

7.2. Conditions for safe storage, including any incompatibilities

- Store in sealed original container protected against moisture.
- Store in a cool, dry place.
- Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

7.3. Specific end use(s)

- Jointing filler

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

Valid for
Ukraine

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Limestone 1317-65-3 [Carbon dusts: coke from coal, pitch, oil, shale Silicate-containing dust, silicates, aluminosilicates: asbestos cement Carbon dusts: anthracite containing up to 5% free SiO ₂ Silicate-containing dust, silicates, aluminosilicates: concrete, olivine, apatite, fosterite, clay, kaolin fireclay]		6	Time Weighted Average (TWA):		UA OELA
Limestone 1317-65-3 [Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content from 10% to 20%]		1	Short Term Exposure Limit (STEL):		UA OELA
Limestone 1317-65-3 [Carbon dusts: other mined coals and coal dusts containing up to 5% free SiO ₂ Silicate-containing dust, silicates, aluminosilicates: asbestos groceries, asbestos rubber]		10	Time Weighted Average (TWA):		UA OELA
Limestone 1317-65-3 [Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content from 10% to 20% Silicate-containing dust, silicates, aluminosilicates: natural asbestos (chrysotile, anthophyllite, actinolite, tremolite, magnesium)]		2	Time Weighted Average (TWA):		UA OELA
Limestone 1317-65-3 [Silicate-containing dust, silicates, aluminosilicates: natural asbestos (chrysotile, anthophyllite, actinolite, tremolite, magnesium)]		0,5	Short Term Exposure Limit (STEL):		UA OELA
Limestone 1317-65-3 [Carbon dusts: carbon fiber materials based on polyacrylonitrile fibers Carbon dusts: carbon fiber materials based on cellulose hydrate fibers]		2	Short Term Exposure Limit (STEL):		UA OELA
Limestone 1317-65-3 [Carbon dusts: carbon fiber materials based on polyacrylonitrile fibers Carbon dusts: carbon fiber materials based on cellulose hydrate fibers]			Skin designation:	Chemical is dangerous when exposed to the skin and the mucous membrane of the eyes	UA OELA
Limestone 1317-65-3 [Silicate-containing dust, silicates, aluminosilicates: asbestos cement Silicate-containing dust, silicates, aluminosilicates: asbestos groceries, asbestos rubber]		4	Short Term Exposure Limit (STEL):		UA OELA
Limestone 1317-65-3 [Carbon dusts: carbon fiber materials based on cellulose hydrate fibers Carbon dusts: carbon fiber materials based on polyacrylonitrile fibers]		4	Time Weighted Average (TWA):		UA OELA
Limestone		8	Time Weighted Average		UA OELA

1317-65-3 [Carbon dusts: natural and synthetic diamonds]			(TWA):		
Limestone 1317-65-3 [Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content less than 10%]		2	Short Term Exposure Limit (STEL):		UA OELA
Limestone 1317-65-3 [Carbon dusts: other mined coals and coal dusts containing from 5 to 10% free SiO2 Carbon dusts: black industrial soot containing <35 mg benz(a)pyrene per kg Silicate-containing dust, silicates, aluminosilicates: vitreous silicates of volcanic origin (tuff, pumice, perlite) Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content less than 10% Silicate-containing dust, silicates, aluminosilicates: mica (flagopit, muscovite), talc, talc dust (natural mixtures of talc with tr Carbon dust: metallized diamond]		4	Time Weighted Average (TWA):		UA OELA
Dolomite 16389-88-1 [Carbon dusts: other mined coals and coal dusts containing up to 5% free SiO2 Silicate-containing dust, silicates, aluminosilicates: asbestos groceries, asbestos rubber]		10	Time Weighted Average (TWA):		UA OELA
Dolomite 16389-88-1 [Carbon dusts: coke from coal, pitch, oil, shale Silicate-containing dust, silicates, aluminosilicates: asbestos cement Carbon dusts: anthracite containing up to 5% free SiO2 Silicate-containing dust, silicates, aluminosilicates: concrete, olivine, apatite, fosterite, clay, kaolin fireclay]		6	Time Weighted Average (TWA):		UA OELA
Dolomite 16389-88-1 [Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content from 10% to 20% Silicate-containing dust, silicates, aluminosilicates: natural asbestos (chrysotile, anthophyllite, actinolite, tremolite, magnesium)]		2	Time Weighted Average (TWA):		UA OELA
Dolomite 16389-88-1 [Carbon dusts: carbon fiber materials based on polyacrylonitrile fibers Carbon dusts: carbon fiber materials based on cellulose hydrate fibers]			Skin designation:	Chemical is dangerous when exposed to the skin and the mucous membrane of the eyes	UA OELA
Dolomite 16389-88-1 [Silicate-containing dust, silicates, aluminosilicates: asbestos cement Silicate-containing dust, silicates, aluminosilicates: asbestos groceries, asbestos rubber]		4	Short Term Exposure Limit (STEL):		UA OELA
Dolomite 16389-88-1 [Silicate-containing dust, silicates, aluminosilicates: natural asbestos (chrysotile, anthophyllite, actinolite, tremolite, magnesium)]		0,5	Short Term Exposure Limit (STEL):		UA OELA
Dolomite 16389-88-1 [Carbon dusts: natural and synthetic diamonds]		8	Time Weighted Average (TWA):		UA OELA
Dolomite 16389-88-1 [Carbon dusts: other mined coals and coal		4	Time Weighted Average (TWA):		UA OELA

dusts containing from 5 to 10% free SiO2 Carbon dusts: black industrial soot containing <35 mg benz(a)pyrene per kg Silicate-containing dust, silicates, aluminosilicates: vitreous silicates of volcanic origin (tuff, pumice, perlite) Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content less than 10% Silicate-containing dust, silicates, aluminosilicates: mica (flagopit, muscovite), talc, talc dust (natural mixtures of talc with tr Carbon dust: metallized diamond]					
Dolomite 16389-88-1 [Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content from 10% to 20%]		1	Short Term Exposure Limit (STEL):		UA OELA
Dolomite 16389-88-1 [Carbon dusts: carbon fiber materials based on polyacrylonitrile fibers Carbon dusts: carbon fiber materials based on cellulose hydrate fibers]		2	Short Term Exposure Limit (STEL):		UA OELA
Dolomite 16389-88-1 [Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content less than 10%]		2	Short Term Exposure Limit (STEL):		UA OELA
Dolomite 16389-88-1 [Carbon dusts: carbon fiber materials based on cellulose hydrate fibers Carbon dusts: carbon fiber materials based on polyacrylonitrile fibers]		4	Time Weighted Average (TWA):		UA OELA
Cement, portland, chemicals 65997-15-1 [Silicate-containing dust, silicates, aluminosilicates: asbestos cement Silicate-containing dust, silicates, aluminosilicates: asbestos groceries, asbestos rubber]		4	Short Term Exposure Limit (STEL):		UA OELA
Cement, portland, chemicals 65997-15-1 [Carbon dusts: natural and synthetic diamonds]		8	Time Weighted Average (TWA):		UA OELA
Cement, portland, chemicals 65997-15-1 [Carbon dusts: carbon fiber materials based on cellulose hydrate fibers Carbon dusts: carbon fiber materials based on polyacrylonitrile fibers]		4	Time Weighted Average (TWA):		UA OELA
Cement, portland, chemicals 65997-15-1 [Carbon dusts: coke from coal, pitch, oil, shale Silicate-containing dust, silicates, aluminosilicates: asbestos cement Carbon dusts: anthracite containing up to 5% free SiO2 Silicate-containing dust, silicates, aluminosilicates: concrete, olivine, apatite, fosterite, clay, kaolin fireclay]		6	Time Weighted Average (TWA):		UA OELA
Cement, portland, chemicals 65997-15-1 [Carbon dusts: other mined coals and coal dusts containing up to 5% free SiO2 Silicate-containing dust, silicates, aluminosilicates: asbestos groceries, asbestos rubber]		10	Time Weighted Average (TWA):		UA OELA
Cement, portland, chemicals 65997-15-1 [Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content from 10% to 20% Silicate-containing dust, silicates, aluminosilicates: natural asbestos]		2	Time Weighted Average (TWA):		UA OELA

(chrysotile, anthophyllite, actinolite, tremolite, magnesium]					
Cement, portland, chemicals 65997-15-1 [Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content from 10% to 20%]		1	Short Term Exposure Limit (STEL):		UA OELA
Cement, portland, chemicals 65997-15-1 [Carbon dusts: other mined coals and coal dusts containing from 5 to 10% free SiO2 Carbon dusts: black industrial soot containing <35 mg benz(a)pyrene per kg Silicate-containing dust, silicates, aluminosilicates: vitreous silicates of volcanic origin (tuff, pumice, perlite) Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content less than 10% Silicate-containing dust, silicates, aluminosilicates: mica (flagopit, muscovite), talc, talc dust (natural mixtures of talc with tr Carbon dust: metallized diamond]		4	Time Weighted Average (TWA):		UA OELA
Cement, portland, chemicals 65997-15-1 [Carbon dusts: carbon fiber materials based on polyacrylonitrile fibers Carbon dusts: carbon fiber materials based on cellulose hydrate fibers]		2	Short Term Exposure Limit (STEL):		UA OELA
Cement, portland, chemicals 65997-15-1 [Silicate-containing dust, silicates, aluminosilicates: natural asbestos (chrysotile, anthophyllite, actinolite, tremolite, magnesium]		0,5	Short Term Exposure Limit (STEL):		UA OELA
Cement, portland, chemicals 65997-15-1 [Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content less than 10%]		2	Short Term Exposure Limit (STEL):		UA OELA
Cement, portland, chemicals 65997-15-1 [Carbon dusts: carbon fiber materials based on polyacrylonitrile fibers Carbon dusts: carbon fiber materials based on cellulose hydrate fibers]			Skin designation:	Chemical is dangerous when exposed to the skin and the mucous membrane of the eyes	UA OELA
Cement, portland, chemicals 65997-15-1 [Silicate-containing dust, silicates, aluminosilicates: asbestos cement Silicate-containing dust, silicates, aluminosilicates: asbestos groceries, asbestos rubber]		4	Short Term Exposure Limit (STEL):		UA OELA
Cement, portland, chemicals 65997-15-1 [Carbon dusts: natural and synthetic diamonds]		8	Time Weighted Average (TWA):		UA OELA
Cement, portland, chemicals 65997-15-1 [Carbon dusts: carbon fiber materials based on cellulose hydrate fibers Carbon dusts: carbon fiber materials based on polyacrylonitrile fibers]		4	Time Weighted Average (TWA):		UA OELA
Cement, portland, chemicals 65997-15-1 [Carbon dusts: coke from coal, pitch, oil, shale Silicate-containing dust, silicates, aluminosilicates: asbestos cement Carbon dusts: anthracite containing up to 5% free SiO2 Silicate-containing dust, silicates, aluminosilicates: concrete, olivine, apatite, fosterite, clay, kaolin fireclay]		6	Time Weighted Average (TWA):		UA OELA
Cement, portland, chemicals 65997-15-1 [Carbon dusts: other mined coals and coal		10	Time Weighted Average (TWA):		UA OELA

dusts containing up to 5% free SiO2 Silicate-containing dust, silicates, aluminosilicates: asbestos groceries, asbestos rubber]					
Cement, portland, chemicals 65997-15-1 [Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content from 10% to 20% Silicate-containing dust, silicates, aluminosilicates: natural asbestos (chrysotile, anthophyllite, actinolite, tremolite, magnesium]		2	Time Weighted Average (TWA):		UA OELA
Cement, portland, chemicals 65997-15-1 [Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content from 10% to 20%]		1	Short Term Exposure Limit (STEL):		UA OELA
Cement, portland, chemicals 65997-15-1 [Carbon dusts: other mined coals and coal dusts containing from 5 to 10% free SiO2 Carbon dusts: black industrial soot containing <35 mg benz(a)pyrene per kg Silicate-containing dust, silicates, aluminosilicates: vitreous silicates of volcanic origin (tuff, pumice, perlite) Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content less than 10% Silicate-containing dust, silicates, aluminosilicates: mica (flagopit, muscovite), talc, talc dust (natural mixtures of talc with tr Carbon dust: metallized diamond]		4	Time Weighted Average (TWA):		UA OELA
Cement, portland, chemicals 65997-15-1 [Carbon dusts: carbon fiber materials based on polyacrylonitrile fibers Carbon dusts: carbon fiber materials based on cellulose hydrate fibers]		2	Short Term Exposure Limit (STEL):		UA OELA
Cement, portland, chemicals 65997-15-1 [Silicate-containing dust, silicates, aluminosilicates: natural asbestos (chrysotile, anthophyllite, actinolite, tremolite, magnesium]		0,5	Short Term Exposure Limit (STEL):		UA OELA
Cement, portland, chemicals 65997-15-1 [Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content less than 10%]		2	Short Term Exposure Limit (STEL):		UA OELA
Cement, portland, chemicals 65997-15-1 [Carbon dusts: carbon fiber materials based on polyacrylonitrile fibers Carbon dusts: carbon fiber materials based on cellulose hydrate fibers]			Skin designation:	Chemical is dangerous when exposed to the skin and the mucous membrane of the eyes	UA OELA
Diiron trioxide 1309-37-1 [Diiron trioxide]		6	Time Weighted Average (TWA):		UA OELA
29H,31H-Phthalocyaninato(2-)- N29,N30,N31,N32 copper 147-14-8 [Copper phthalocyanine]		5	Time Weighted Average (TWA):		UA OELA
Chromium (III) oxide 1308-38-9 [CHROMIUM METAL, INORGANIC CHROMIUM(II) COMPOUNDS AND INORGANIC CHROMIUM(III) COMPOUNDS (INSOLUBLE)]		2	Time Weighted Average (TWA):	Indicative	ECTLV
Chromium (III) oxide 1308-38-9 [Chromium (III) oxide]		1	Time Weighted Average (TWA):		UA OELA
Diiron trioxide 1309-37-1 [Diiron trioxide]		6	Time Weighted Average (TWA):		UA OELA

Predicted No-Effect Concentration (PNEC):

Name on list	Environmental Compartment	Exposure period	Value				Remarks
			mg/l	ppm	mg/kg	others	
Chromium (III) oxide 1308-38-9	Soil				3,2 mg/kg		
Chromium (III) oxide 1308-38-9	sewage treatment plant (STP)		10 mg/l				
Chromium (III) oxide 1308-38-9	sediment (marine water)				1,31 mg/kg		
Chromium (III) oxide 1308-38-9	aqua (marine water)		0,0047 mg/l				
Chromium (III) oxide 1308-38-9	aqua (intermittent releases)		0,0047 mg/l				
Chromium (III) oxide 1308-38-9	sediment (freshwater)				18,2 mg/kg		
Chromium (III) oxide 1308-38-9	aqua (freshwater)		0,0047 mg/l				

Derived No-Effect Level (DNEL):

Name on list	Application Area	Route of Exposure	Health Effect	Exposure Time	Value	Remarks
Chromium (III) oxide 1308-38-9	Workers	Inhalation	Acute/short term exposure - local effects		2 mg/m ³	
Chromium (III) oxide 1308-38-9	Workers	Inhalation	Long term exposure - local effects		0,5 mg/m ³	
Chromium (III) oxide 1308-38-9	General population	Inhalation	Long term exposure - local effects		0,5 mg/m ³	

Biological Exposure Indices:

None

8.2. Exposure controls:**Respiratory protection:**

In case of dust formation, we recommend wearing of appropriate respiratory protection equipment with particle filter P (EN 14387).

This recommendation should be matched to local conditions.

Hand protection:

In the case of longer contact protective gloves made from nitrile rubber are recommended according to EN 374.

Perforation time > 480 minutes

material thickness > 0.1 mm

In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, product compatibility, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. The information provided by the manufacturers and given in the relevant trade association regulations for industrial safety must always be observed. We recommend that a hand care plan is drawn up in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Eye protection:

Goggles which can be tightly sealed.

Protective eye equipment should conform to EN166.

Skin protection:

Dustproof working clothes.

Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advices to personal protection equipment:

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions. Personal protective equipment should conform to the relevant EN standard.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Delivery form	powder
Colour	varied, according to coloration
Odor	characteristic
Physical state	solid
Melting point	Currently under determination
Initial boiling point	Currently under determination
Flammability	Currently under determination
Explosive limits	Currently under determination
Flash point	Currently under determination
Auto-ignition temperature	Currently under determination
Decomposition temperature	Currently under determination
pH	Currently under determination
Viscosity (kinematic)	Currently under determination
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	practically insoluble in water -hydraulically setting at influence of water
Partition coefficient: n-octanol/water	Currently under determination
Vapour pressure	Currently under determination
Bulk density	1,3 g/l no method / method unknown
Relative vapour density:	Currently under determination
Particle characteristics	Currently under determination

9.2. Other information

Other information not applicable for this product

SECTION 10: Stability and reactivity

10.1. Reactivity

Reaction with acids: production of heat and carbon dioxide.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

None if used for intended purpose.

10.5. Incompatible materials

See section reactivity.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects**Acute oral toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Chromium (III) oxide 1308-38-9	LD50	> 5.000 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Cement, portland, chemicals 65997-15-1	LD50	> 2.000 mg/kg	rabbit	Limit Test

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
Chromium (III) oxide 1308-38-9	LC50	> 5,41 mg/l	dust/mist	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Chromium (III) oxide 1308-38-9	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Chromium (III) oxide 1308-38-9	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

Chromate-reduced. Does not need to be labeled as causing skin sensitization.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Chromium (III) oxide 1308-38-9	not sensitising	Buehler test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Chromium (III) oxide 1308-38-9	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Chromium (III) oxide 1308-38-9	negative	intraperitoneal		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Chromium (III) oxide 1308-38-9	NOAEL > 2.000 mg/kg	oral: feed	90 d 5 d/w	rat	not specified

Aspiration hazard:

No data available.

SECTION 12: Ecological information**General ecological information:**

Do not empty into drains, soil or bodies of water.

Due to the practical insolubility in water a separation takes place with each filtration and sedimentation procedure.

12.1. Toxicity**Toxicity (Fish):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Cement, portland, chemicals 65997-15-1	LC50	> 10.000 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Chromium (III) oxide 1308-38-9	LC50	Toxicity > Water solubility	96 h	Brachydanio rerio (new name: Danio rerio)	ISO 7346-1 (Determination of the Acute Lethal Toxicity of Substances to a Freshwater Fish [Brachydanio rerio Hamilton-Buchanan (Teleostei, Cyprinidae)])
Chromium (III) oxide 1308-38-9	NOEC	Toxicity > Water solubility	30 d	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 210 (fish early lite stage toxicity test)

Toxicity (aquatic invertebrates):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Cement, portland, chemicals 65997-15-1	EC50	> 10.000 mg/l	24 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Chromium (III) oxide 1308-38-9	LC50	Toxicity > Water solubility	48 h	Ceriodaphnia dubia	other guideline:

Chronic toxicity (aquatic invertebrates):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Chromium (III) oxide 1308-38-9	NOEC	Toxicity > Water solubility	21 d	Daphnia magna	other guideline:

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Cement, portland, chemicals 65997-15-1	NOEC	60 mg/l	72 h	Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)	ISO 8692 (Water Quality)
Cement, portland, chemicals 65997-15-1	EC50	440 mg/l	72 h	Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)	ISO 8692 (Water Quality)
Chromium (III) oxide 1308-38-9	EC50	Toxicity > Water solubility	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Chromium (III) oxide 1308-38-9	EC10	Toxicity > Water solubility	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity (microorganisms):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Cement, portland, chemicals 65997-15-1	EC0	10.000 mg/l	30 min	Pseudomonas putida	DIN 38412, part 27 (Bacterial oxygen consumption test)

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Chromium (III) oxide 1308-38-9	2,97		not specified

12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Cement, portland, chemicals 65997-15-1	According to Annex XIII of regulation (EC) 1907/2006 a PBT and vPvB assessment shall not be conducted for inorganic substances.
Chromium (III) oxide 1308-38-9	According to Annex XIII of regulation (EC) 1907/2006 a PBT and vPvB assessment shall not be conducted for inorganic substances.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Product disposal:

Dispose of waste and residues in accordance with local authority requirements.

Disposal of uncleaned packages:

Use packages for recycling only when totally empty.

Waste code

170106

SECTION 14: Transport information**14.1. UN number or ID number**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.2. UN proper shipping name

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.3. Transport hazard class(es)

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.4. Packing group

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.5. Environmental hazards

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

14.6. Special precautions for user

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

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

not applicable

SECTION 15: Regulatory information

No information available:

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**15.2. Chemical safety assessment**

A chemical safety assessment has not been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

Further information:

This Safety Data Sheet has been produced for sales from Henkel to parties purchasing from Henkel, is based on Regulation (EC) No 1907/2006 and provides information in accordance with applicable regulations of the European Union only. In that respect, no statement, warranty or representation of any kind is given as to compliance with any statutory laws or regulations of any other jurisdiction or territory other than the European Union. When exporting to territories other than the European Union, please consult with the respective Safety Data Sheet of the concerned territory to ensure compliance or liaise with Henkel's Product Safety and Regulatory Affairs Department (SDSinfo.Adhesive@henkel.com) prior to export to other territories than the European Union.

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

Dear Customer,

Henkel is committed to creating a sustainable future by promoting opportunities along the entire value chain. If you would like to contribute by switching from a paper to the electronic version of SDS, please contact the local Customer Service representative. We recommend to use a non-personal email address (e.g. SDS@your_company.com).

Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.