



Surface Colour Hardener

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name Surface Colour Hardener
CAS No. Not applicable.
EC No. Not applicable.
Registration number(s) Not known.

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

Identified Use(s) Professional use
Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer
Company Identification Multicrete Products Limited
Address of Manufacturer Units 1-2 Commerce Street
Carrs Industrial Estate
Haslingden
Rossendale
Lancashire
Postal code BB4 5JT
Telephone: 01706 212135
Fax 01706 217642
E-mail sales@multicreteproducts.co.uk
Office hours 08.30-16.30

Supplier
Company Identification Multicrete Products Limited
Address of Supplier Units 1-2 Commerce Street
Carrs Industrial Estate
Haslingden
Rossendale
Lancashire
Postal code BB4 5JT
Telephone: 01706 212135
Fax 01706 217642
E-mail sales@multicreteproducts.co.uk
Office hours 08.30-16.30

1.4 Emergency telephone number

Emergency Phone No. 01706 212135
Contact Christopher Barrientos
National response center
Address NHS Direct
Emergency Phone No. +44 111

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567
Skin Irrit. 2 :Causes skin irritation.
Skin Sens. 1B :May cause an allergic skin reaction.
Eye Dam. 1 :Causes serious eye damage.
STOT SE 3 :May cause respiratory irritation.

2.2 Label elements

According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567
Product Name Surface Colour Hardener

Hazard Pictogram(s)



GHS05



GHS07



Surface Colour Hardener

Signal Word(s)	Danger
Hazard Statement(s)	H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H335: May cause respiratory irritation.
Precautionary Statement(s)	P261: Avoid breathing dust. P280: Wear protective gloves/protective clothing/eye protection/face protection. 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/doctor. P501: Dispose of contents in accordance with local, state or national legislation.

2.3 Other hazards

None known.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Quartz (SiO ₂)	14808-60-7	238-878-4	50-60	Not classified	None
Cement, portland, chemicals	65997-15-1	266-043-4	30-40	Skin Irrit. 2 H315 Skin Sens. 1B H317 Eye Dam. 1 H318 STOT SE 3 H335	GHS05 GHS07
Carbon black	1333-86-4	215-609-9	1-5	Not classified	None
titanium dioxide	13463-67-7	236-675-5	<1	Not classified	None
formaldehyde ... %	50-00-0	200-001-8	<0.01	Acute Tox. 3 H301 Acute Tox. 3 H311 Skin Corr. 1B H314 Skin Sens. 1 H317 Acute Tox. 3 H331 Muta. 2 H341 Carc. 1B H350	GHS06 GHS05 GHS08 GHS07

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
Skin Contact	Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
Ingestion	Wash out mouth with water.



Surface Colour Hardener

4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.

Unsuitable extinguishing media None.

5.2 Special hazards arising from the substance or mixture

None anticipated.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Ensure full personal protection (including respiratory protection) during removal of spillages. Avoid dust generation. Wear protective gloves/protective clothing/eye protection/face protection.

6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Sweep up spilled substance and remove to safe place.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide adequate ventilation. Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

7.3 Specific end use(s)

Professional use

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Titanium dioxide total inhalable	13463-67-7		10			
Titanium dioxide respirable	13463-67-7		4			
Carbon black	1333-86-4		3.5		7	
Portland cement inhalable dust	65997-15-1		10			
Portland cement respirable dust	65997-15-1		4			
Silica, respirable crystalline (respirable fraction)	14808-60-7		0.1			(t)



Surface Colour Hardener

Formaldehyde	50-00-0	2	2.5	2	2.5	Carc
--------------	---------	---	-----	---	-----	------

Region United Kingdom Source UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark (t) Carc (where generated as a result of a work process)
 Carc Capable of causing cancer and/or heritable genetic damage.

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection Wear eye protection with side protection (EN166).



Skin protection Wear protective clothing and gloves: Impervious gloves (EN 374). Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



Respiratory protection Normally no personal respiratory protection is necessary. Wear suitable respiratory protective equipment if exposure to high levels of material are likely.



Thermal hazards Not applicable.

8.2.3. Environmental Exposure Controls Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Solid. Colour : Various.
Odour	Not known.
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not applicable.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	Not known.
Solubility(ies)	Solubility (Water) : Soluble in water. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY



Surface Colour Hardener

- 10.1 Reactivity** Stable under normal conditions.
- 10.2 Chemical Stability** Stable under normal conditions.
- 10.3 Possibility of hazardous reactions** No hazardous reactions known if used for its intended purpose.
- 10.4 Conditions to avoid** Heat and direct sunlight.
- 10.5 Incompatible materials** Not known.
- 10.6 Hazardous decomposition products** No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

- Acute toxicity - Ingestion Calculation method : Not classified.
Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 1000000.00000
- Acute toxicity - Skin Contact Calculation method : Not classified.
Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 1000000.00000
- Acute toxicity - Inhalation Calculation method : Not classified.
Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 100000.00000
- Skin corrosion/irritation Calculation method : Causes skin irritation.
- Serious eye damage/irritation Calculation method : Causes serious eye damage.
- Skin sensitization data Calculation method : May cause an allergic skin reaction.
- Respiratory sensitization data Calculation method : Not classified.
- Germ cell mutagenicity Calculation method : Not classified.
- Carcinogenicity Calculation method : Not classified.
- Reproductive toxicity Calculation method : Not classified.
- Lactation Calculation method : Not classified.
- STOT - single exposure Calculation method : May cause respiratory irritation.
- STOT - repeated exposure Calculation method : Not classified.
- Aspiration hazard Calculation method : Not classified.

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

- Toxicity - Aquatic invertebrates Low toxicity to invertebrates.
- Toxicity - Fish Low toxicity to fish.
- Toxicity - Algae Low toxicity to algae.
- Toxicity - Sediment Compartment Not classified.
- Toxicity - Terrestrial Compartment Not classified.

12.2 Persistence and degradability

No information on this formulation.

12.3 Bioaccumulative potential

No information on this formulation.

12.4 Mobility in soil

Soluble in water.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS



Surface Colour Hardener

13.1 Waste treatment methods

Dispose of this material and its container as hazardous waste.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

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

Not known

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of Substances Not listed
of Very High Concern for Authorisation

UK REACH Authorisation List (Annex XIV) list of substances subject to
authorisation Not listed

UK REACH Restrictions List (Annex XIV) Carcinogens: category 1B (50-00-0), Cement, portland, chemicals (65997-15-1)
Restrictions on the manufacture, placing
on the market and use of certain
dangerous substances, mixtures and
articles

The Persistent Organic Pollutants
Regulations 2007 (SI 2007/3106) as
amended Not listed

The Ozone-Depleting Substances and
Fluorinated Greenhouse Gases
(Amendment etc.) (EU Exit) Regulations
2019 (SI 2019/583) Not listed

The Prior Informed Consent (PIC)
Regulations concerning the export and
import of hazardous chemicals
SI2008/2108 as amended Not listed

European Regulations - Authorisations and/or Restrictions On Use

Community Rolling Action Plan (CoRAP) titanium dioxide (13463-67-7), Carbon black (1333-86-4), Formaldehyde (50-00-0)

15.2 Chemical Safety Assessment

United Kingdom

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

1-16

LEGEND

**Surface Colour Hardener**

Hazard Pictogram(s)



GHS05



GHS07

GHS06: GHS: Skull and crossbones

GHS08: GHS: Health hazard

Hazard classification

Acute Tox. 3 : Acute toxicity, Category 3
Acute Tox. 3 : Acute toxicity, Category 3
Skin Corr. 1B : Skin corrosion/irritation, Category 1B
Skin Irrit. 2 : Skin corrosion/irritation, Category 2
Skin Sens. 1 : Skin sensitization, Category 1
Skin Sens. 1B : Skin sensitization, Category 1B
Eye Dam. 1 : Serious eye damage/irritation, Category 1
Acute Tox. 3 : Acute toxicity, Category 3
STOT SE 3 : Specific target organ toxicity — single exposure, Category 3
Muta. 2 : Germ cell mutagenicity, Category 2
Carc. 1B : Carcinogenicity, Category 1B

Hazard Statement(s)

H301: Toxic if swallowed.
H311: Toxic in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H331: Toxic if inhaled.
H335: May cause respiratory irritation.
H341: Suspected of causing genetic defects.
H350: May cause cancer.

Precautionary Statement(s)

P261: Avoid breathing dust.
P264: Wash hands and exposed skin thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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/doctor.
P312: Call a POISON CENTER/doctor if you feel unwell.
P321: Specific treatment (see Medical Advice on this label).
P332+P313: If skin irritation occurs: Get medical advice/attention.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P405: Store locked up.
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
DNEL : Derived No Effect Level
EC : European Community
EINECS : European Inventory of Existing Commercial Chemical Substances



Surface Colour Hardener

LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567
data used to compile the SDS

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Multicrete Products Limited gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Multicrete Products Limited accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.