



## Concrete Sealant – High Gloss

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 Concrete Sealant – High Gloss  
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) Domestic, Commercial & Industrial use for concrete driveways, patios, paths & walkways, decorative, stamped, or pattern imprinted concrete.

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 sales@multicreteproducts.co.uk  
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  
Flam. Liq. 3 :Flammable liquid and vapour.  
Acute Tox. 4 :Harmful in contact with skin.  
Skin Irrit. 2 :Causes skin irritation.  
Acute Tox. 4 :Harmful if inhaled.

#### 2.2 Label elements

According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567  
Product Name Concrete Sealant - Gloss

Hazard Pictogram(s)



GHS02



GHS07



### Concrete Sealant – High Gloss

Signal Word(s)	Warning
Hazard Statement(s)	H226: Flammable liquid and vapour. H312: Harmful in contact with skin. H315: Causes skin irritation. H332: Harmful if inhaled. EUH208: Contains: (methyl methacrylate, n-butyl methacrylate) May produce an allergic reaction.
Precautionary Statement(s)	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261: Avoid breathing vapours. P280: Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312: Call a POISON CENTER/doctor if you feel unwell.
<b>2.3 Other hazards</b>	None known.
<b>2.4 Additional Information</b>	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)
Xylene	1330-20-7	215-535-7	75-85	Flam. Liq. 3 H226 Acute Tox. 4 H312 Skin Irrit. 2 H315 Acute Tox. 4 H332	GHS02 GHS07
n-butyl methacrylate	97-88-1	202-615-1	<1	Flam. Liq. 3 H226 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 STOT SE 3 H335	GHS02 GHS07
methyl methacrylate	80-62-6	201-297-1	<1	Flam. Liq. 2 H225 Skin Irrit. 2 H315 Skin Sens. 1 H317 STOT SE 3 H335	GHS02 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 contaminated clothing and wash it before reuse. Rinse skin with water. If skin irritation occurs: Get medical advice/attention.
Eye Contact	Flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms develop, obtain medical attention.



## Concrete Sealant – High Gloss

Ingestion Treat symptomatically. Wash out mouth with water. If symptoms persist, obtain medical attention.

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

Harmful in contact with skin or if inhaled Causes skin 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

Use water spray, foam, dry powder or CO<sub>2</sub> to extinguish.

Unsuitable extinguishing media

Water jet spray

### 5.2 Special hazards arising from the substance or mixture

Flammable liquid and vapour. Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide

### 5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Wear suitable protective clothing, gloves and eye/face protection. Avoid breathing vapours. Wash hands and exposed skin thoroughly after handling.

### 6.2 Environmental precautions

Do not allow to enter drains, sewers or watercourses.

### 6.3 Methods and material for containment and cleaning up

Absorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

### 6.4 Reference to other sections

See Also Section 8, 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing vapours. Use only outdoors or in a well-ventilated area. Wash hands and exposed skin thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid contact with skin and eyes.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

None known. Strong oxidising agents.

### 7.3 Specific end use(s)

Domestic, Commercial & Industrial use for concrete driveways, patios, paths & walkways, decorative, stamped, or pattern imprinted concrete.

## 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 <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Xylene, o-,m-,p- or mixed isomers	1330-20-7	50	220	100	441	Sk, BMGV



### Concrete Sealant – High Gloss

Methyl methacrylate	80-62-6	50	208	100	416	
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Region United Kingdom Source UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark Sk Notes Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.  
BMGV Biological monitoring guidance values are listed in Table 2.

Biological Exposure Indices						
Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
Xylene, o-, m-, p- or mixed isomers	1330-20-7	650 mmol methyl hippuric acid/mol creatinine in urine	Post shift			

Remark Notes

#### 8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection

Wear protective eye glasses for protection against liquid splashes.



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

Wear respiratory protection.



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	Liquid.
	Colour : Clear.
Odour	Characteristic odour.
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	-34°C
Initial boiling point and boiling range	Not known.
Flash Point	30°C
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Flammable Limits (Lower) (%v/v) : 1.1 Flammable Limits (Upper) (%v/v) : 7
Vapour pressure	0.866-0.870g/cm <sup>3</sup> @ 20°C
Vapour density	Not known.
Density (g/ml)	0.866-0.870g/cm <sup>3</sup> @ 20°C
Relative density	0.866-0.870g/cm <sup>3</sup> @ 20°C
Solubility(ies)	Solubility (Water) : Insoluble in water. Solubility (Other) : Not known.

**Concrete Sealant – High Gloss**

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.
<b>9.2 Other information</b>	None.

**SECTION 10: STABILITY AND REACTIVITY****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**

Strong oxidising agents.

**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.
Acute toxicity - Skin Contact	Calculation method : Harmful in contact with skin. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 1375.00000
Acute toxicity - Inhalation	Calculation method : Harmful if inhaled. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 13.75000
Skin corrosion/irritation	Calculation method : Causes skin irritation.
Serious eye damage/irritation	Calculation method : Not classified.
Skin sensitization data	Calculation method : Not classified.
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 : Not classified.
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**

Part of the components are biodegradable.

**12.3 Bioaccumulative potential**

No information on this formulation.

**12.4 Mobility in soil**

**Concrete Sealant – High Gloss**

Insoluble in water. The product is predicted to have low mobility in soil.

**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****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****14.1 UN number**

UN No. 1263

**14.2 UN proper shipping name**

UN proper shipping name PAINT RELATED MATERIAL

**14.3 Transport hazard class(es)**

ADR/RID

ADR/RID Class 3

ADR Classification Code F1

Special Provisions 163 367 650

Limited Quantities 5 L

Excepted Quantities E1

Emergency Action Code •3Y

Mixed Packing Instructions for Packages P001 IBC03 LP01 R001

Special Packing Provisions for Packages PP1

Mixed Packing Instructions for Packages MP19

Packing Instructions for Portable Tanks T2

Special Provisions for Portable Tanks TP1 TP29

Tank Code for Tanks LGBF

Special Provisions for Tanks

Vehicle for Tank Carriage FL

ADR Transport Category 3

Tunnel Restriction Code D/E

Special Provisions for Carriage - Packages V12

Special Provisions for Carriage - Bulk

Special Provisions for Carriage - Loading, Unloading and Handling

Special Provisions for Carriage - Operation S2

ADR HIN 30

IMDG

IMDG Class 3

Special Provisions 163 367 650

Limited Quantities 5 L

Excepted Quantities E1

Mixed Packing Instructions for Packages P001 IBC03 LP01 R001

Special Packing Provisions for Packages PP1

Packing Instructions for Portable Tanks T2

Special Provisions for Portable Tanks TP1 TP29

IMDG EMS F-E, S-E

Stowage and Handling Category A

Segregation

Marine Pollutant

ICAO/IATA

IATA Proper Shipping Name PAINT RELATED MATERIAL

Excepted Quantities E1

Passenger and Cargo Aircraft Limited Y344

Quantities Packing Instructions

**Concrete Sealant – High Gloss**

Passenger and Cargo Aircraft Limited Quantities Max net Qty	10L
Passenger and Cargo Aircraft Packing Instructions	355
Passenger and Cargo Aircraft Max net Qty	60L
Cargo Aircraft Packing Instructions	366
Cargo Aircraft Max net Qty	220L
Special Provisions	A3, A72, A192
Emergency Response Guidebook (ERG) Code	3L
Labels	
Labels	3

**14.4 Packing group**

Packing group III

**14.5 Environmental hazards**

Environmental hazards Not classified as a Marine Pollutant.

**14.6 Special precautions for user**

Special precautions for user Not known.

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

No information available

**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) Xylene (1330-20-7), n-butyl methacrylate (97-88-1), methyl methacrylate (80-62-6)

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) Xylene (1330-20-7), methyl methacrylate (80-62-6)

**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**

**Concrete Sealant – High Gloss**

Hazard Pictogram(s)



GHS02



GHS07

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2  
Flam. Liq. 3 : Flammable liquid, Category 3  
Acute Tox. 4 : Acute toxicity, Category 4  
Skin Irrit. 2 : Skin corrosion/irritation, Category 2  
Skin Sens. 1 : Skin sensitization, Category 1  
Eye Irrit. 2 : Serious eye damage/irritation, Category 2  
Acute Tox. 4 : Acute toxicity, Category 4  
STOT SE 3 : Specific target organ toxicity — single exposure, Category 3

Hazard Statement(s)

H225: Highly flammable liquid and vapour.  
H226: Flammable liquid and vapour.  
H312: Harmful in contact with skin.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H332: Harmful if inhaled.  
H335: May cause respiratory irritation.

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233: Keep container tightly closed.  
P240: Ground and bond container and receiving equipment.  
P241: Use explosion-proof electrical/ventilating/lighting/equipment.  
P242: Use non-sparking tools.  
P243: Take action to prevent static discharges.  
P261: Avoid breathing vapours.  
P264: Wash hands and exposed skin thoroughly after handling.  
P271: Use only outdoors or in a well-ventilated area.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
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.  
P362+P364: Take off contaminated clothing and wash it before reuse.  
P370+P378: In case of fire: Use water spray, foam, dry powder or CO<sub>2</sub> to extinguish.  
P403+P235: Store in a well-ventilated place. Keep cool.  
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE : Acute Toxicity Estimate  
CAS : Chemical Abstracts Service  
DNEL : Derived No Effect Level  
EC : European Community  
EINECS : European Inventory of Existing Commercial Chemical Substances





### Concrete Sealant – High Gloss

IATA : International Air Transport Association  
IBC : Intermediate Bulk Container  
ICAO : International Civil Aviation Organization  
IMDG : International Maritime Dangerous Goods  
LTEL : Long term exposure limit  
PBT : Persistent, Bioaccumulative and Toxic  
PNEC : Predicted No Effect Concentration  
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID : Regulations concerning the International Carriage of Dangerous Goods by Rail  
STEL : Short term exposure limit  
STOT : Specific Target Organ Toxicity  
UN : United Nations  
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  
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