

MATERIAL SAFETY DATA SHEET

Product name	QuelStop Ablative Coating
Product Code(s)	QCS5KG
Revision Date	14/08/2019
Revision number	01

1. Identification of the substance/mixture and of the company / undertaking

1.1. Product identifier

Product name	QuelStop Ablative Coating
Product Code	QCS5KG
Colour	White

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

Use of Substance/Mixture	PC1: Adhesives, sealants. PC9a: Coatings and paints, thinners, paint removers.
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1.3. Details of the supplier of the safety data sheet

Company Name	Quelfire Limited Springvale Industrial Estate Millbuck Way Sandbach CW11 3HT
Tel	0161 928 7308
Fax	0161 924 1340
Email	technical@quelfire.co.uk

1.4. Emergency telephone number

Emergency telephone number	0161 928 7308
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2. Classification of the substance or mixture

2.1. Classification of the substance or mixture

Classification under CLP	This product has no classification under CLP
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2.2. Label elements

Label elements	This product has no label elements
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2.3. Other hazards

PBT	This product is not identified as a PBT/vPvB substance
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3. Composition/information on ingredients

3.1. Mixtures

CALCIUM CARBONATE				
EINECS	CAS	PBT/WEL	CLP Classification	Percent
-	1317-65-3	Substance with a Community workplace exposure limit.	-	30-50%
ATH - REACH registered number(s): 01-2119529246-39-XXXX				
244-492-7	21645-51-2	Substance with a Community workplace exposure limit.	-	1-10%
CALCIUM CARBONATE 2				
207-439-9	471-34-1	Substance with a Community workplace exposure limit.	-	1-10%

4. First aid measures

4.1. Description of first aid measures

Skin contact	Wash immediately with plenty of soap and water
Eye contact	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
Ingestion	Wash out mouth with water
Inhalation	N/A

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

Skin contact	There may be mild irritation at the site of contact
Eye contact	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.

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

Immediate/special treatment	Not applicable
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5. Fire-Fighting measures

5.1. Extinguishing media

Extinguishing Media	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
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5.2. Special hazards arising from the substance or mixture

Exposure hazards	In combustion emits toxic fumes
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5.3. Advice for fire-fighters

Advice for fire-fighters	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.
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6.2. Environmental precautions

Environmental	Do not discharge into drains or rivers. Contain the spillage using bunding.
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6.3. Methods and materials for containment and cleaning up

Clean-up procedures	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
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6.4. Reference to other sections

Reference to other sections	Refer to section 8 of SDS
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7. Handling and storage

7.1. Precautions for safe handling

Handling requirements	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Store in cool, well ventilated area. Keep container tightly closed.
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7.3. Specific end use(s)

Specific end use(s)	No data available
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8. Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients				
CALCIUM CARBONATE				
Workplace exposure limits:			Respirable dust	
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	-	-	-	5mg/m3
ATH				
UK	-	-	4 mg/m3	-
CALCIUM CARBONATE 2				
UK	4 mg/m3	-	-	-

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8.2. DNEL/PNEC

DNEL/PNEC	No data available
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8.3. Exposure controls

Engineering measures	Ensure there is sufficient ventilation of the area
Respiratory protection	Self-contained breathing apparatus must be available in case of emergency.
Hand protection	Protective gloves
Eye protection	Tightly fitting safety goggles. Ensure eye bath is to hand.
Skin protection	Protective clothing

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Solid
Colour	White
Odour	Barely perceptible odour
Relative density	1.45 – 1.55 pH: 5 - 9

9.2. Other information

Other information	No data available
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10. Stability and reactivity

10.1. Reactivity

Reactivity	Stable under recommended transport or storage conditions
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10.2. Chemical stability

Chemical stability	Stable under normal conditions
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10.3. Possibility of hazardous reactions

Hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below
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10.4. Conditions to avoid

Conditions to avoid	Heat
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10.5. Incompatible materials

Materials to avoid	Strong oxidising agents. Strong acids
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10.6. Hazardous decomposition products

Haz. decomp. products	In combustion emits toxic fumes
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11. Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:				
ALUMINIUM HYDROXIDE				
INHALATION	RAT	LC50	7.6	mg/l
ORAL	RAT	-	2000	mg/kg
CALCIUM CARBONATE				
ORAL	RAT	LD50	5000	mg/kg
Toxicity values: No data available				

11.2. Symptoms/routes of exposure

Skin contact	There may be mild irritation at the site of contact
Eye contact	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.

12. Ecological information

12.1. Toxicity

Hazardous ingredients:			
ALUMINIUM HYDROXIDE			
Atlantic salmon	96H EC50	100	mg/l
Daphnia magna	48H EC50	100	mg/l
Green alga (Selenastrum capricornutum)	72H EC50	100	mg/l
Salmo trutta	LC50	100	mg/l
CALCIUM CARBONATE 2			
Algae	72H EC50	200	mg/l
Daphnia	49H EC50	1000	mg/l
Fish	96H LC50	10000	mg/l

12.2. Persistence and degradability

Persistence and degradability	Biodegradable
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12.3. Bioaccumulative potential

Bioaccumulative potential	No bioaccumulation potential
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12.4. Mobility in soil

Mobility in soil	Readily absorbed into soil.
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12.5. Results of PBT and vPvB assessment

PBT identification	This product is not identified as a PBT/vPvB substance
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12.6. Other adverse effects

Other adverse effects	Negligible ecotoxicity
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13. Disposal considerations

13.1. Waste treatment methods

Disposal operations	Transfer to a suitable container and arrange for collection by specialised disposal company
NB	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

14. Transport information

Transport class	This product does not require a classification for transport
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15. Regulatory information

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

Specific regulations	Not applicable
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15.2. Chemical Safety Assessment

Chemical Safety Assessment	No chemical safety assessment has been carried out
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16. Other information

16.1. Other information

Other information	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830. * indicates text in the SDS which has changed since the last revision.
Legal disclaimer	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.