

ABLATIVE BRUSH/SPRAY COATING

Date: 25/06/2021

Reference: 35

Issue: 2



Section 1: Identifier of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name Guardian 4 Fire Ablative Spray Coating
Colour White (If you require SDS for coloured products please request

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.

Section 2: hazards Identification

2.1 Classification of the substance or mixture

Classification under CLP No classification

2.2. Label Elements

Label Elements No label elements

2.3 Other Hazards

PBT This product is not identified as a PBT/vPvB substance

Section 3 Composition/Information on Ingredients

3.2 Mixtures

Calcium Carbonate			
EINECS	CAS	PBT/WEL	Percent
-	1317-65-3	Substance with a community workplace exposure limit	10-30%
ATH - REACH registered number(s): 01-2119529246-39-XXXX			
244-492-7	21645-51-2	Substance with a community workplace exposure limit	10-30%
Calcium Carbonate 2			
207-439-9	471-34-1	Substance with a community workplace exposure limit	1-10%
Titanium Dioxide - REACH registered number(s): 01-2119489379-17-0114			
236-675-5	13463-67-7	Substance with a community workplace exposure limit	1-10%

Contact:
sales@gisuk.co
Tel: 01827 219327

Address:
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Derbyshire, DE11 0BB



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Section 4: First Aid Measures

Skin Contact	Wash immediately with plenty of soap and water	There may be mild irritation at the site of contact
Eye Contact	Bathe the eye with running water for 15 minutes	There may be irritation and redness
Ingestion	Wash out mouth with water	There may be irritation of the throat
Inhalation	Consult a doctor	No symptoms

Section 5: Fire-Fighting Measures

Extinguishing Media	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
Exposure Hazards	In combustion emits toxic fumes.
Advice for fire-fighters	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental Release Measures

Personal Precautions	Refer to section 8 of SDS for personal protection details. Turn leaking containers leakerside up to prevent the escape of liquid.
Environmental	Do not discharge into drains or rivers. Contain the spillage using bunding.
Clean-up Procedures	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
Reference to other Sections	Refer to section 8

Section 7: Handling and Storage

Storage Conditions	Store in a cool, well ventilated area. Keep container tightly closed.
Specific End Use	No data available

Section 8: Exposure Controls and Personal Protection

Workplace Exposure Limits	No data available
DNEL/PNEC	No data available

Engineering Measures	The floor of the storage room must be impermeable to prevent the escape of liquids
Respiratory Protection	Respiratory protection not required
Hand Protection	Protective gloves
Eye Protection	Safety glasses. Ensure eye bath is to hand
Skin Protection	Protective clothing

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Section 9: Physical and Chemical Properties

State	Liquid
Colour	White
Relative Density	1.3 - 1.4
pH	5 - 9

Section 10: Stability and Reactivity

Reactivity	Stable under recommended transport or storage conditions
Chemical Stability	Stable under normal conditions
Hazardous Reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
Conditions to Avoid	Heat
Materials to Avoid	Strong oxidising agents and strong acids.
Hazardous Decomposition Products	In combustion emits toxic fumes

Section 11: Toxicological Information

HAZARDOUS INGREDIENTS				
ATH				
INHALATION	RAT	LC50	7.6	mg/l
ORAL	RAT	-	2000	mg/kg
CALCIUM CARBONATE 2				
ORAL	RAT	LD50	5000	mg/kg
Toxicity Values: No Data Available				

Symptoms/Routes of Exposure	
Skin Contact	There may be mild irritation at the site of contact
Eye Contact	There may be irritation and redness
Ingestion	There may be irritation of the throat
Inhalation	No symptoms

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Section 12: Ecological Information

HAZARDOUS INGREDIENTS			
ATH			
Atlantic Salmon	96H EC50	100	mg/l
Daphnia magna	48HN 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

Persistence and Degradability	Biodegradable
Bio accumulative Potential	No bio accumulation potential.
Mobility	Readily absorbed into soil.
PBT Identification	This product is not identified as a PBT/vPvB substance
Other Adverse Effects	Negligible ecotoxicity

Section 13: Disposal Considerations and Transport

Disposal Considerations	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.
Transport Class	This product does not require a classification for transport.

Section 14: Regulatory Information

Chemical Safety Assessment	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
Other Information	According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 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 as a guide only. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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