Version number: 1.0
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SAFETY DATA SHEET

Vuba Easihold 68oz Mulch Glue Concentrate

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and the UK REACH Regulations SI 2019/758.

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

1.1 Product identifier
2 Vuba Easihold 68oz Rock Glue Concentrate

1.2 Relevant identified uses of the substance or mixture and uses advised against
For use as Gravel Binder
No uses advised against. Use only as instructed.

1.3 Details of the supplier of the safety data sheet
Vuba Chemical Innovations Limited
Units B2, B3 and B4 Grovehill Industrial Estate,
Beverley, HU17 0LF.

Tel: 01482 778897
E mail: sales@vubasurfaces.com
Web: www.vubasurfaces.com

1.4 Emergency telephone number

In case of emergency Tel. 01482 778897 (08:00-17:30 Mon-Fri)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture
Not classified as hazardous according to the CLP Regulation (EC) No 1272/2008 and the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain.

2.2 Label elements
No label required

2.3 Other hazards
The substance is not PBT / vPvB.
The substance is not identified as having endocrine disrupting properties.

SECTION 3: Composition

3.1 Substances
Non-hazardous substance

3.2 Mixtures
Not applicable

SECTION 4: First Aid Measures

4.1 Description of first aid measures

EYE CONTACT: Wash thoroughly with water and obtain medical attention if continued signs of discomfort.
INHALATION: Remove from exposure. If breathing becomes difficult call a doctor.
SKIN CONTACT: Wash off with soap and water. Seek medical attention if irritation occurs.
INGESTION: If swallowed, rinse mouth with water and obtain medical attention if signs of discomfort.

4.2 Most important symptoms and effects, both acute and delayed
Not expected to cause any serious adverse effects. Unintended exposures may result in redness of skin and eyes, sore throat if ingested or if spray inhaled.

4.3 Indication of any immediate medical attention and special treatments needed
Symptomatic treatment as required

SECTION 5: Firefighting Measures

5.1 Extinguishing media
Not known to react with any extinguishing material. Use extinguisher appropriate to surrounding conditions.

5.2 Special hazards arising from the substance or mixture
Containers involved in a fire may become pressurised and burst.
Unlikely to support combustion.
Prevent fire-fighting water from entering drains and watercourses.

5.3 Advice for fire fighters
Fire fighters should wear protective clothing and positive pressure self-contained breathing apparatus as appropriate.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
Evacuate unnecessary personnel. Ensure adequate ventilation. Do not breathe mists or vapours, use respiratory protection if ventilation is inadequate. Use eye protection (goggles recommended) and gloves (see section 8). Spillage area may be very slippery.

6.2 Environmental precautions
Prevent entry into sewers and watercourses.

6.3 Methods and materials for containment and clearing up
Absorb liquid onto sand, earth or other suitable absorbent material. Collect into a suitable labelled container for disposal. Wash spill area thoroughly with water and detergent to remove residues. Prevent washings from entering water courses.

6.4 References to other sections
See section 8 and 13 for further advice.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling
Ensure adequate ventilation. Does not require any particular or specific measures. Respect the general rules for occupational hygiene. Safe handling advice: Ensure that there is a suitable ventilation system.

7.2 Conditions for safe storage, including any incompatibilities
Store in its original labelled container in a cool, dry, well ventilated area. Not to be stored next to foodstuffs and water supplies. Keep out of reach of children and animals.

7.3 Specific end uses(s)
No special precautions. Use only as directed in accordance with the label.

SECTION 8. Exposure Controls/Personal Protection

8.1 Control parameters
No exposure limits available for components.

8.2 Exposure controls

Engineering controls: None usually required for handling outside. Ensure good level of ventilation with at least 1-3 air exchanges per hour if handled indoors.

Respiratory protection: None usually required unless ventilation rate is not possible to achieve.

Hand Protection: In case of contact, wear gloves suitable for

Eye protection: Tightly fitting goggles recommended.

Skin protection: Coveralls.

Environmental Exposure Controls: Prevent entry into drains and watercourses.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

a) Physical state:	Liquid
b) Colour:	Milky white emulsion
c) Odour:	Characteristic
d) Melting point:	As for water, ca 0°C
e) Boiling point:	As for water, ca 100 °C
f) Flammability:	Will not support combustion
g) Upper/lower flammability limits:	No data available
h) Flashpoint:	Not applicable
i) Autoignition temperature:	Will not support combustion
j) Decomposition temperature:	No data available
k) pH:	Neutral
l) Viscosity:	Approximately 200 mPa.s at 20 °C
m) Solubility:	Soluble in water
n) Partition coefficient (log Kow):	No data available
o) Vapour pressure:	As for water
p) Density and/or relative density:	Approximately 1 at 20 °C
q) Relative vapour density:	No data available
r) Particle characteristics	Not applicable, product is a liquid

9.2 Other information
None

SECTION 10: Stability and Reactivity

10.1 Reactivity
The substance is stable under normal storage and handling conditions.

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid
Incompatible materials.

10.5 Incompatible materials
Avoid contact with strong oxidisers.

10.6 Hazardous decomposition products
None under normal conditions of use. On combustion or thermal decomposition: Carbon oxides (CO + CO_2).

SECTION 11: Toxicological Information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

(a) acute toxicity	Based on available data, the classification criteria are not met, LD_{50} (Oral, Rat) estimated > 2000 mg/kg LD_{50} (Dermal, Rat) estimated > 2000 mg/kg
(b) skin corrosion/irritation	Based on available data, the classification criteria are not met.
(c) serious eye damage/irritation	Based on available data, the classification criteria are not met.
(d) respiratory/skin sensitisation	Based on available data, the classification criteria are not met.
(e) germ cell mutagenicity	Based on available data, the classification criteria are not met.
(f) carcinogenicity	Based on available data, the classification criteria are not met.
(g) reproductive toxicity	Based on available data, the classification criteria are not met.
(h) STOT-single exposure	Based on available data, the classification criteria are not met.
(i) STOT-repeated exposure	Based on available data, the classification criteria are not met.
(j) aspiration hazard	Based on available data, the classification criteria are not met.

11.2 Information on other hazards
The substance is not identified as having endocrine disrupting properties.

SECTION 12: Ecological Information

12.1 Toxicity
Based on ingredients, the classification criteria are not met. No components classified as hazardous to the environment.

12.2 Persistence and degradability
Components considered biodegradable and not persistent.

12.3 Bioaccumulative potential
None of the components are considered to be bioaccumulative.

12.4 Mobility in soil
Water soluble components likely to be mobile in soil.

12.5 Results of PBT and vPvB assessment
None of the components are known to be PBT or vPvB.

12.6 Endocrine disrupting properties
None of the components are known to have endocrine disrupting properties.

12.7 Other adverse effects
None known.

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Any disposal practice must be in compliance with all local and national laws and regulations. Do not dump into any sewers, on the ground, or into any body of water.

SECTION 14: Transport Information

Not considered to be dangerous goods for transport.

	ADR	IMDG	ICAO
14.1 UN Number	NONE	NONE	NONE
14.2 UN Proper shipping name	NONE	NONE	NONE
14.3 Transport hazard class(es)	NONE	NONE	NONE
14.4 Packing group	NONE	NONE	NONE
14.5 Environmental hazards	NONE	NONE	NONE
14.6 Special precautions for user	NONE	NONE	NONE
14.7 Maritime transport in bulk according to IMO instruments	Not Applicable	Not Applicable	Not Applicable

SECTION 15: Regulatory Information

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

All components are listed as existing substances in Europe
All components are considered compliant with REACH

15.2 Chemical Safety Assessment

SECTION 16: Other Information

Revision information:
New SDS

List of Abbreviations used in this SDS:
CAS Chemical Abstracts Service
CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008
EC European Community/Commission
PBT Persistent, Bioaccumulative and Toxic
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006
vPvB very Persistent, very Bioaccumulative

References:
Source: European Chemicals Agency, http://echa.europa.eu/

Method used for classification of mixtures:
Ingredient based approaches

H Statements used in Section 3
None.

Training requirements for workers
No special training requirements