Version number:1.1
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SAFETY DATA SHEET

VubaMac Resin Binder Part A

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
VubaMac Resin Binder Part A

1.2 Relevant identified uses of the substance or mixture and uses advised against
Part A of 2-part resin system
No uses advised against. Use only as instructed.

1.3 Details of the supplier of the safety data sheet
Vuba Building Products 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
Will set hard upon mixing with Part B of the product. Read instructions carefully before use
Contains no components known to be PBT or vPvB or to have endocrine disrupting properties.

SECTION 3: Composition

3.1 Substances
Not applicable – product is a mixture

3.2 Mixtures
Polyurethane resin. Contains no hazardous components above thresholds of concern.

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
Ingestion may cause mild abdominal discomfort, nausea, vomiting.

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
Burning will produce noxious fumes.

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. Use eye protection (goggles recommended) and gloves suitable for resin liquids, such as neoprene.

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
Avoid contact with eyes and skin. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

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 3 - 5 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 polyurethane resin liquids, such as neoprene.

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:	Amber
c) Odour:	Slight
d) Melting point:	No data available
e) Boiling point:	No data available
f) Flammability:	Not applicable, product is a liquid
g) Upper/lower flammability limits:	No data available
h) Flashpoint:	127°C (DIN EN ISO 2719)
i) Autoignition temperature:	> 300°C
j) Decomposition temperature:	No data available
k) pH:	Not applicable
l) Viscosity:	3000 - 4000 mPa·s @ 23°C (DIN EN ISO 3219/A.3)
m) Solubility:	No data available
n) Partition coefficient (log Kow):	No data available
o) Vapour pressure:	No data available
p) Density and/or relative density:	1.01 g/ml @ 20°C, DIN EN ISO 2811
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
No reactive hazards known, but will react with curing agents and certain catalysts and set to solid form

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
None expected.

10.4 Conditions to avoid
Avoid exposure to high and freezing temperatures.

10.5 Incompatible materials
Avoid contact with strong oxidisers, acids and bases.

10.6 Hazardous decomposition products
None under normal conditions of use.

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.
(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
No additional information.

SECTION 12: Ecological Information

12.1 Toxicity
Not expected to present a hazard to aquatic organisms.

12.2 Persistence and degradability
Although key components are not considered rapidly biodegradable, no components are persistent in the environment.

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

12.4 Mobility in soil
Expected to be of low mobility.

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
Recover and recycle unused product if possible. If recovery and recycling are not possible incinerate or dispose of in accordance with local and national regulations.

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
A Chemical Safety Assessment has not been carried out for this product.

SECTION 16: Other Information

Revision information:
Revised 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