



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
(amended by Regulation (EU) 2015/830)

DXV.4091

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

1.1. Product identifier

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

Use of the Substance/Mixture Bonding agent for paints and plaster.

1.3. Details of the supplier of the safety data sheet

Company/Undertaking Identification VANORA AG
Neulandstrasse 3
CH-6203 Sempach Station
T +41 41 469 92 13
www.vanora.ch
info@vanora.ch

1.4. Emergency telephone number +41 41 469 92 13 (Mo - Fr 7:30 - 17:00 MEZ/CET)
(+41 44 251 51 51 Tox Center)

Issuing date 29.05.2019

Version 4 (Previous versions: 3)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 The substance or mixture is not classified.

In accordance with Regulation (EC) No. 1272/2008, the product does not need to be classified nor labelled.

Additional information For the full text of the phrases mentioned in this Section, see Section 16.

2.2. Label elements

Signal Word -

Hazard Statements None.

Precautionary statements None.

Supplemental information None.

Product identifier None.

2.3. Other hazards None.

SECTION 3: Composition/information on ingredients

Chemical characterization

Aqueous dispersion on acrylate and VeoVa.

Components		CLP Classification	Product identifier
Ammonia solution	< 0.2%	Skin Corr. 1B H314, STOT SE 3 H335, Aquatic Acute 1 H400, Aquatic Chronic 2 H411	CAS-No.: 1336-21-6 EC-No.: 215-647-6 Index-No: 007-001-01-2 REACH No.: 01-2119488876-14-xxxx

For the full text of the phrases mentioned in this Section, see Section 16.

Hazardous impurities

None known.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

Skin contact

Wash off with soap and plenty of water.

Eye contact

If easy to do, remove contact lens, if worn. Keep eye wide open while rinsing.

Ingestion

Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician for severe cases.

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

None known.

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

None known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray. Foam. Dry powder. Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons

High volume water jet.

5.2. Special hazards arising from the substance or mixture

None.

5.3. Advice for firefighters

Special protective equipment for firefighters

Not required.

Specific methods

No special measures required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel	No special measures required.
Advice for emergency responders	Handle in accordance with good industrial hygiene and safety practice.

6.2. Environmental precautions No special environmental precautions required.

6.3. Methods and material for containment and cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

SECTION 7: Handling and storage

7.1. Precautions for safe handling No special handling advice required.

7.2. Conditions for safe storage, including any incompatibilities Do not freeze.

7.3. Specific end use(s) No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s) No data is available on the product itself.

8.2. Exposure controls

Appropriate engineering controls General industrial hygiene practice.

Personal protection equipment

Respiratory protection No personal respiratory protective equipment normally required.

Hand protection Impervious gloves.

Eye protection Avoid contact with eyes.

Skin and body protection No special measures required.

Thermal hazards No special measures required.

Environmental exposure controls No special measures required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Off-white. Transparent.
Odour	Characteristic.
Odour Threshold	Not determined.
pH:	~7.5
Melting point/range:	Not determined.

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Boiling point/range:	No data available.
Flash point:	does not flash
Evaporation Rate:	Not determined.
Flammability:	Not determined.
Explosion limits:	Not determined.
Vapour pressure:	Not determined.
Vapor density:	Not determined.
Relative density:	~1.0 g/ml
Water solubility:	dispersible
Partition coefficient (n-octanol/water):	Not determined.
Autoignition temperature:	Not applicable.
Decomposition temperature:	Not determined.
Viscosity:	~500 mPa.s (20°C)
Explosive properties:	not hazardous
Oxidising properties:	None

9.2. Other information

General Product Characteristics	Total solids content approx. 50 Weight %
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SECTION 10: Stability and reactivity

10.1. Reactivity	No information available.
10.2. Chemical stability	No decomposition if stored and applied as directed.
10.3. Possibility of hazardous reactions	No information available.
10.4. Conditions to avoid	Do not freeze.
10.5. Incompatible materials	None.
10.6. Hazardous decomposition products	None reasonably foreseeable.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	None. Ammonia solution (CAS 1336-21-6) Oral LD50 Rat = 350 mg/kg (NLM_CIP)
Skin corrosion/irritation	No data available.
Serious eye damage/eye irritation	No data available.
Respiratory / Skin Sensitisation	No data available.
Carcinogenicity	No data available.
Germ cell mutagenicity	No data available.
Reproductive toxicity	No data available.
Specific target organ toxicity (single exposure)	No data available.

Specific target organ toxicity (repeated exposure) No data available.

Aspiration hazard No data available.

Human experience No data available.

SECTION 12: Ecological information

12.1. Toxicity Ecological injuries are not known or expected under normal use.

Ammonia solution (CAS 1336-21-6)

Ecotoxicity - Freshwater Fish - Acute Toxicity Data LC50 96 h Pimephales promelas 8.2 mg/L

Ecotoxicity - Water Flea - Acute Toxicity Data EC50 48 h water flea 0.66 mg/L
EC50 48 h Daphnia pulex 0.66 mg/L

12.2. Persistence and degradability No data available.

12.3. Bioaccumulative potential No data available.

12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB assessment No information available.

12.6. Other adverse effects No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products Can be disposed of as a solid waste or burned in a suitable installation subject to local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information

ADR/RID Not required.

IMDG Not required.

IATA Not required.

Further Information Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information

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

Regulatory Information

In accordance with Regulation (EC) No. 1272/2008, the product does not need to be classified nor labelled.

USA

The components of this product are listed on the TSCA (USA) and DSL/NDSL (Canada)

Water contaminating class (WGK Germany) = 1 (AwSV).

Ammonia solution (CAS 1336-21-6)

EU - Cosmetics (1223/2009) - Annex III
- Maximum Authorised Concentration

6 % MAC (as NH₃)

EU - REACH (1907/2006) - List of
Registered Intermediates

Present ([215-647-6])

15.2. Chemical safety assessment

Not required.

SECTION 16: Other information**Revision Note**

Safety datasheet sections which have been updated: 1,3,8,11,12,15,16.

Key or legend to abbreviations and acronyms

None.

Full text of phrases referred to under sections 2 and 3

H314: Causes severe skin burns and eye damage.

H335: May cause respiratory irritation.

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

Disclaimer

It is not to be considered a warranty or quality specification. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.