



HIGH QUALITY PRODUCTS

Revision Date : 05/01/2021

Material Safety Data Sheet

According to 1907/2006/EC, Article 31

1. Product Identification

Trade Name: **Hidrol H10 Component A**

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

Vali Hidrol H10 2 is a foldable, 2-component, brushable sewing slurry. It consists of a cement-based powder mortar (component A) and a resin emulsion (component B). It offers some of the following advantages once applied:

- Total waterproofing against water pressure up to 7 atm, according to DIN 1048 -Protection of concrete from carbonization
- Crack-bridging ability
- Vapor permeability
- Suitability for potable water tanks as well as surfaces in dried contact with food products, according to W-347.

Applications of the substance / mixture:

The content of the 25 kg bag (component A) is added into the 8 kg of liquid (component B) under continuous stirring. Once mixed, together they form the final combined formed, which can be further applied.

1.3 Details of the supplier of the safety data sheet, Manufacturer/Supplier And For Further Information:

VALI-GROUP Sh.P.K.

www.valifix.com

info@valifix.com; administrator@valifix.com; valicompany@yahoo.com;

St. Tirana No: 9, (Industrial Zone Of Prizren).

Prizren 20000, REPUBLIC OF KOSOVO

Armend Gashi +38349140305

Additional number : +38344140305. During normal opening times (8 - 16h CET)

2. Hazards identification

2.1 Classification of the substance or mixture

In accordance with Regulations on the classification of chemicals, the product is not classified as a hazardous compound since the content of potentially hazardous components is significantly lower than the classification criteria.

Classification according to Regulation (EC) No 1272/2008

The substance is classified as hazardous to health or environment, according to the CLP regulation.

2.2 Label Elements

Labelling according to Regulation (EC) No 1272/2008 Void

· Hazard pictograms



· Signal word: Danger

· Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

Additional information:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P273 Avoid release to the environment.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Contact of skin with wet cement, fresh concrete or mortar can cause irritation, dermatitis and burns. It can cause damage on products made of aluminium and other non-precious metals.

2.2 Other Hazards

- **Results of PBT and vPvB assessment:** Not applicable.
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3. Composition/information on ingredients

Mixture of substances are non-hazardous.

Dangerous Components:

CAS: 65997-15-1	Portland	<20%
EINECS: 266-043-4	Cement	Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335 Eye Dam. 1, H318

Other information: refer to section 16.

4. First Aid Measures

· 4.1 Description of first aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally, the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water, consult doctor in case of further complains.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

5. Firefighting measures

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

• **5.2 Special hazards arising from the substance or mixture:** No further relevant information available.

• **5.3 Advice for firefighters**

• **Protective equipment:** No special measures required.

• **Additional information: Dispose** of fire debris and contaminated firefighting water in accordance with official regulations.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Wear protective clothing.

• **6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not wash out cement into the sewage or drainage system nor in water bodies (e.g. water courses). If possible, collect the scattered material in dry condition.

• **6.3 Methods and material for containment and cleaning up:** Ensure adequate ventilation.

7. Handling and storage

7.1 Precautions for safe handling: No special measures required.

· **Information about fire - and explosion protection:** No special measures required.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.

· **Information about storage in one common storage facility:** Do not store together with oxidizing and acidic materials.

Further information about storage conditions: Protect from frost.

· **Storage class:** 12

· **7.3 Specific end use(s) :** No further relevant information available

8. Exposure controls/personal protection

• **Additional information about design of technical facilities:** No further data.

• **8.1 Control parameters:**

• **Ingredients with limit values that require monitoring at the workplace:**

CAS: 65997-15-1 Cement Portland

WEL:

Long-term value: 10* 4** mg/m³

inhalable dust

• **8.2 Exposure controls:**

• **Personal protective equipment:** Not required

• **General protective and hygienic measures:** Do not eat or drink while working.

• **Respiratory protection:** Not required.

• **Protection of hands:**

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Protective gloves Check protective gloves prior to each use for their proper condition. The glove material must be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. After use of gloves apply skin-cleaning agents and skin cosmetics.

• **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore

to be checked prior to the application.

• **Penetration time of glove material**

The exact break through time must be found out by the manufacturer of the protective gloves and must be observed.

• **Eye protection:** Safety glasses, tightly sealed goggles, Goggles recommended during refilling

• **Body protection:** Use protective suit.

9. Physical And Chemical Properties

9.1 Information on basic physical and chemical properties

General Information

Appearance :

Form :	Powder
Color :	Grey
Odor:	Characteristic
Odor threshold:	Not determined.

pH-value: Not applicable

Change in condition

Melting point/Melting Range: Undetermined.

Boiling point/Boiling Range: Not applicable.

Flammability (solid, gaseous) : Not applicable.

Decomposition Temperature : Not determined.

Self-igniting : Product is not self-igniting.

Danger of explosion: Product does not present an explosion hazard.

Vapor pressure : Not applicable.

Density at 20 C : Not applicable

Evaporation rate: Not applicable.

Solubility in water : Soluble.

Viscosity:

Dynamic: Not applicable.

Kinematic: Not applicable

Solvent Content :

Organic solvents : 0.0%

VOC (EC) : 0.0%

10. Stability and reactivity

- **10.1 Reactivity:** No further relevant information available.

- **10.2 Chemical stability**

- **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.

- **10.4 Conditions to avoid:** No further relevant information available.

- **10.5 Incompatible materials:** No further relevant information available.

- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

11. Toxicological information

• 11.1 Information on toxicological effects

- **Acute toxicity:** Based on available data; the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation:** Based on available data; the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data; the classification criteria are not met.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity:** Based on available data; the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data; the classification criteria are not met.
- **STOT-single exposure:** Based on available data; the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data; the classification criteria are not met.

12. Ecological Information

Toxicity

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bio accumulative potential** No further relevant information available. ·

Mobility in soil No further relevant information available.

• **Additional ecological information:**

• **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

• **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13. Disposal considerations

• 13.1 Waste treatment methods

• Recommendation

Packaging waste must be completely emptied and disposed of in accordance with the Decree on packaging and packaging waste handling, classification number: 15 01 05 - Composite packaging.

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Hand over to hazardous waste disposers

European Waste Catalog:

- **08 02 01** | Waste coating powder
- **15 01 05** | Composite packaging

• **Recommendation:** Dispose of packaging according to regulations on the disposal of packaging's.

14. Transport information

<ul style="list-style-type: none">• 14.1 UN-Number:• ADR, ADN, IMDG, IATA	<u>VOID</u>
<ul style="list-style-type: none">• 14.2 UN proper shipping name:• ADR, ADN, IMDG, IATA	<u>VOID</u>
<ul style="list-style-type: none">• 14.3 Transport hazard classes:• ADR, ADN, IMDG, IATA	<u>VOID</u>
<ul style="list-style-type: none">• 14.4 Packaging group:• ADR, IMDG, IATA	<u>VOID</u>
14.5 Environmental hazards:	<u>VOID</u>
14.6 Special precautions for user	<u>VOID</u>
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	<u>VOID</u>
UN "Model Regulation":	<u>VOID</u>

15. Regulatory information

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

Following regulation was considered in the preparation of document:

Legislation on the occupational health and safety, the chemical legislation and regulations on biocidal products, regulations on classification, packaging and labeling of chemical and biocidal products and requirements on safety data sheets for chemicals and biocidal products composition, as well as regulations on the management of packaging and packaging waste and waste.

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

- **National regulations**

In line with point 47 of Appendix XVII to the Regulation ES 1907/2006, a prohibition of use and placing on the market applies for cement and cement preparations:

1. Cement and cement-containing mixtures shall not be used or placed on the market, if they contain, when hydrated, more than 0.0002 % soluble chromium (VI) of the total dry weight of the cement.

2. If reducing agents are used, then without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of cement or cement-containing mixtures is visibly, legibly and indelibly marked with information on the packing date, as well as on the storage conditions and the storage period appropriate to maintaining the activity of the reducing agent and to keeping the content of soluble chromium (VI) below the limit indicated in the previous paragraph.

3. By way of derogation, paragraphs 1 and 2 shall not apply to the placing on the market for, and use in, controlled closed and totally automated processes in which cement and cement-containing mixtures are handled solely by machines and in which there is no possibility of contact with the skin.

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• **Department issuing SDS:**

Vali Group Sh.P.K.

R/D Department

• **Contact:**

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