

Safety sheet

BETAFORM® H01

according to regulation (ES) 1907/2006 (REACH)

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SECTION 1. Identification of material / substance and the company / enterprise

- 1.1 Product identifier:
- Trade name: BETAFORM® H01
- Identification number: Not assigned, mixture.
- Registration number: Not indicated.
- 1.2 Relevant recommended use of the substance or mixture and unrecommended use:
- Recommended use: Construction material – dry mortar mixture for the rehabilitation and protection of concrete / liquid component.
- Unrecommended use: Unlisted.
- 1.3 Detailed data about the Safety Sheet supplier:
- Manufacturer/Importer: STOMIX, spol. s r. o.
- Place of business or registered office: 790 65 Skorošice 197, CZ
- Identification number: ID 48400874
- Telephone: +420 584 484 111
- Fax: +420 584 484 112
- Authorized specialist: zichova@stomix.cz
- 1.4 Telephone number for emergencies: Medical toxicology information service
Mary Sheridan House
15 St Thomas Street
London SE1 9RY
Tel: 020 7188 0600
Fax: 020 7188 0800
Website: www.medtox.co.uk
Information for health risks only – acute poisoning of humans and animals

SECTION 2. Risk identification

- Overall classification of substance or mixture: The product is not classified as dangerous.
- Dangerous effects to the health: The mixture is not classified as hazardous to health.
- Dangerous effects to environment: The mixture is not classified as dangerous for the environment.
- Physico-chemical effects: The mixture has no physico-chemical effects, which would affect the overall classification of the product.
- 2.2 Elements of marking:
- Warning symbol for the risk: No designation.
- H-phrases: Not mentioned anymore.
- P-phrases: Not mentioned anymore.
- Hazard determining components: Not stated.
- Additional information: Not stated.
- 2.3 Other hazards:
- Mixture or components are not classified as PBT or vPvB. The components are not kept in Annex XIV. of the REACH Regulation or on the list of candidates for Annex XIV. of the REACH Regulation on the date of issue of the Safety Sheet.

SECTION 3. Composition / information about components

- 3.1 Substances: The product is mixture.
- 3.2 Mixtures:
- Supplement: The product does not contain hazardous materials or if it does they are below limit, which should be taken into account in the classification of the mixture and they also have no exposure limits in the workplace.
Chemical characteristics: Water soluble modified polymeric dispersion.

SECTION 4. First aid instructions

- 4.1 Description of first aid: In the case of health problems or in the case of any problems, contact a doctor and provide information contained in this safety data sheet. The person

- performing first aid needs to protect himself. Take affected persons out of danger area and lay down. In case of irregular breathing or respiratory arrest provide artificial respiration. Immediately remove any clothing soiled by the product.
- When breathing: Ensure a supply of fresh air, ensure peace, prevent hypothermia. If problems continue then contact a doctor.
- In the case of contact with skin: Remove any contaminated clothes, wash the skin with soap and water and treat the affected area with a suitable reparation cream. If irritation persists seek medical attention.
- If affecting the eyes: Intensely rinse the eye with plenty of running potable water for at least 15 minutes with the lid open violently. Contact a doctor.
- In the case of ingestion: Place the affected person at rest, rinse mouth with water (only if the affected person is conscious), never induce vomiting, seek medical attention.
- 4.2 The most important acute and delayed symptoms and effects:
If any signs of irritation, due to contact with the product, will worsen, immediately call for medical assistance.
- 4.3 Instructions of any immediate medical attention and special treatment:
Special funds are not used, treatment is symptomatic.

SECTION 5. Measures during the liquidation of fire

- 5.1 Extinguishing agents:
Suitable extinguishing agents: Water fog, splitting of water, foam and powder chemicals.
Unsuitable extinguishing agents: Permanent water stream.
- 5.2 Special hazards arising from the substance or mixture:
Undetected.
- 5.3 Instructions for firemen: Use protective equipment, depending on the nature of fire. Contaminated water must not enter drains. Liquidate the remainders of the fire with extinguishing water in accordance with local regulations in force.

SECTION 6. Measures in the case of accidental leakage

- 6.1 Measures for personal precautions, protective equipment and emergency procedures: Use the basic protective equipment (Section 8). Ensure adequate ventilation. Follow the normal working and hygienic regulations. Avoid contact with skin and eyes.
- 6.2 Measures for environmental protection: Prevent environmental contamination, contamination of surface water and sewer system, using sorption material.
- 6.3 Methods and materials for reducing leakage and cleaning up: The absorption with sand, sawdust or other absorption materials, mechanical pick up, deposit in a suitable container and dispose of as hazardous waste. Do not flush with water or aqueous cleansing agents containing water.
- 6.4 Reference to other sections: Information on safe handling see Section 7.
Information on personal protection equipment see Section 8.
Information on disposal see Section 13.

SECTION 7. Handling and storage

- 7.1 Precautions for safe handling: Avoid contact with skin and eyes, use personal protective equipment. Secure exchange of air in the workplace. Handle the product according to technological instructions No. 09-008. Avoid release to the environment kept in containers that correspond to the original package, follow the instructions on the label of the product.
- 7.2 Conditions for safe storage of substances and mixtures, including any incompatible substances and mixtures:
Requirements for storage rooms and containers: Store only in original container.
Information about mass storage conditions: Store away from foodstuffs.
Further information about storage conditions: Store in a dry place, away from direct sunlight, water and frost.
Recommended storage temperature: < 30 °C
- 7.3 Final specific uses: Unlisted.

SECTION 8. Restriction of exposure / personal protective means

- 8.1 Control parameters:
Exposure limits according NV.No.361/2007 Coll., As amended: Not specified.
- 8.2 Exposure limitation: Minimize leakage during handling, at workplace provide perfect ventilation. Before

breaks and at the end of working hours to wash hands with soap and water. Do not eat, drink or smoke when using. Avoid contact with skin and eyes. Take off contaminated clothing. Precaution to protect the skin using cream.

Restriction of exposure to employees:

Respiratory protection: Not necessary, if perfect ventilation is ensured.

Eye protection: Safety glasses.

Protection of hands: Protective gloves.

Skin protection: Protective work clothing.

Restriction of exposure to environment: Close containers tightly again. Prevent leakage into soil and water. Wear the recommended instructions for use.

SECTION 9. Physical and chemical properties

9.1 Information about basic physical and chemical properties:

Status of the matter: Liquids.

Colour: White.

Odour (scent): Without odour.

pH value: Data is not available.

Temperature (range of temperature) melting (°C): Data is not available.

Temperature (range of temperature) for boiling (°C): Data is not available.

Inflammation point °C: Data is not available.

Flammability: Fire-proof.

Pyrophoricity: Undetermined.

Flammability limits:

Flammability limits: upper limit (% vol.): Data is not available.

Flammability limits: lower limit (% vol.): Data is not available.

Oxidation properties: Data is not available.

Vapour tension (at °C): Data is not available.

Density (at 20°C): 1040 kg/m³

Solubility (at 20°C):

- in water: Mixable.

- in fats (including oil specification): Data is not available.

Dividing coefficient n-octanol/water: Data is not available.

Viscosity: 140 - 200 MPa/s

Density of vapours: Data is not available.

Speed of evaporation: Data is not available.

9.2 Further data: VOC: Product category A, product subcategories j. The maximum permissible limit VOC content in the product ready to use is 140 g/l mass. Maximum VOC content in the product ready to use is 0.5 g/l mass.

SECTION 10. Stability and reactivity

10.1 Reactivity: Under normal operating conditions, the mixture is stable.

10.2 Chemical stability: Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions: No decomposition if used and stored as recommended.

10.4 Conditions which must be prevented: Protect from frost.

10.5 Incompatible materials: Strong acids, alkalis and oxidizing agents.

10.6 Hazardous decomposition products: No data available.

SECTION 11. Toxicological information

11.1 Information on toxicological effects:

a) Acute toxicity:

- LD₅₀ oral, rat (mg. kg⁻¹): Data is not available.

- LD ₅₀ dermal, rat or rabbit (mg . kg ⁻¹):	Data is not available.
- LD ₅₀ inhalation, rat, for aerosols or particles (mg . kg ⁻¹):	Data is not available.
- LC ₅₀ inhalation, rat, for gases and vapours (mg. kg ⁻¹):	Data is not available.
b) Caucicity:	Mixture is not classified as caustic.
c) Irritable effect:	Mixture is not classified as irritative.
d) Sensitivity:	Mixture may cause sensitization by skin contact.
e) Mutagenesis:	Mixture doesn't have classified any mutagenic effects.
f) Carcinogenicity:	Mixture doesn't have classified any carcinogenic effects.
g) Toxicity for reproduction:	Mixture is not classified as toxic for reproduction.
Other information:	Data is not available.

SECTION 12. Ecological information

12.1 Toxicity:	
- LC ₅₀ , 96 hour, fish (mg. l ⁻¹):	Data is not available.
- EC ₅₀ , 48 hours, daphnia (mg. l ⁻¹):	Data is not available.
- IC ₅₀ , 72 hours, algae (mg. l ⁻¹):	Data is not available.
Other details:	Data is not available.
12.2 Other information:	Data is not available.
12.3 Persistence and degradability:	Data is not available.
12.4 Bio-accumulating potential:	Data is not available.
12.5 Mobility in soil:	The mixture has no properties of PBT and vPvB assessed according to Annex XIII. in REACH regulation.
12.6 Results of PBT and vPvB assessment:	Do not allow product to leak into ground water, catch basin or sewage system.

SECTION 13. Instructions for waste disposal

13.1 Waste treatment methods:	
a) Suitable methods for the mixture, or preparation and contaminated packaging disposal:	Unused leftovers and the preparation captured in the release to absorbent material should be disposed of as hazardous waste in accordance with the regulations.
Methods of disposal of contaminated packaging:	Packaging of goods should be emptied as much as possible. After cleanup is possible its re-use or recycling in accordance with the material marking. In addition, unused packaging dispose in accordance with local regulations, for the packaging is paid statutory fee to recycle packing company.
b) Physical and chemical properties that may affect waste treatment options:	Not listed.
c) Eliminating waste disposal via sewer:	Not specified.
d) Special precautions recommended for waste management:	Not listed.

SECTION 14. Transport information

14.1 UN number:	Not stated.
14.2 Proper shipping name for UN:	Not stated.
14.3 Class / Transport hazard class:	Not stated.
14.4 Packing group:	Not stated.
14.5 Warning board (Kemler):	Not stated.
14.6 Special precautions for user:	Not stated.
14.7 Bulk transport in according to Annex II of MARPOL 73/78 and the IBC Code:	Is not carried.
Other details:	The product is not a hazardous good according to the law on road transport and is not a subject to the provisions of the European Agreement on road transport of dangerous goods (ADR) or provisions of the Regulations concerning the International Carriage of Dangerous Goods by Rail (RID).

SECTION 15. Information regarding regulations

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

Act 350/2011 Coll., on chemical substances and mixtures, and amending certain laws.

The implementing regulations for this Act

EC Regulation 1907/2006 (REACH)

EC Regulation 1272/2008 (CLP)

15.2 Chemical safety assessment: Was not conducted.

SECTION 16. Other information

a) Changes in the Safety Sheet under review:

Changes to the previous version of the Safety Sheet:

Change in paragraph 2, 3 and 16 - classification and labeling of mixtures according to CLP.

b) Key or legend to abbreviations:

CLP - EC Regulation 1272/2008

REACH - EC Regulation 1907/2006

PBT – the substance is persistent, bioaccumulating and toxic at the same time

vPvB - the substance is highly persistent and very bioaccumulating

Aquatic Chronic 1 - Hazardous to the aquatic environment, chronic toxicity, category 1

Aquatic Acute 1 - Risk of water pollution, acute toxicity, category 1

Acute Tox. 4 - Acute toxicity (Oral), category 4

Acute Tox. 3 - Acute toxicity (dermal), category 3

Skin Corr. 1B - Skin corrosion, category 1B

Eye Dam1 – Serious eye damage, category 1

Skin Irrit.2 – Skin irritation, category 2

STOT SE 3 – Single Exposure, category 3

c) Key literature references and sources for data:

Information contained herein is based on our best knowledge and current legislation. This Safety Sheet has been further elaborated on the basis of the original Safety Sheet provided by the manufacturer.

d) List of applicable standard phrases of hazard and / or instructions for safe handling:

Not stated.

e) Instructions for training:

Regular training for handling chemicals.

f) Other information:

This Safety Sheet contains data necessary for ensuring safety and protection of health at work and environmental protection. The data correspond to the current state of knowledge and experience and are in compliance with applicable laws and regulations. They cannot be considered a guarantee of the suitability of the product for specific applications. Handling the product is responsibility of the user. Workers who come into contact with hazardous substances or mixtures, shall be informed by the organization about in the necessary extent about the effects of these substances or mixtures, the way to treat them with the protective measures and the principles of first aid. Information about the properties of the product and its use can be found in the Product Data Sheet. This version invalidates all previous versions of the Safety Sheet.



WWW link