

1. Identification of the substance/mixture and the company/undertaking

Product identifier: EASIHOLD
Commercial name: EASIHOLD, gravel binder, resin for aggregates, Aqueous acrylic resin mixture
Relevant identified uses of the substance: Water based polyacrylic binder mixture for use in coatings, finishings or formulations. Product for treatment flexible material and aggregate.
Details of the supplier of the safety data sheet: GRANULATI ZANDOBBIO S.p.A. 24060 Zandobbio (BG) - Italy Via Selva, 29 info@granulati.it
Emergency telephone number: +39 02 66101029 Poison Control Center Niguarda Hospital

2. Hazards Identification

Classification of the substance or mixture: The substance or mixture is not classified.
Label elements: Not applicable
Other hazards: Keep away from children. Use in a well ventilated area

3. Composition/information on ingredients

Mixture:	Name	CAS/EC/ Index number	Classification	% w/w
	Benzyl alcohol	EC 202-859-9 CAS 100-51-6	Acute Tox 4, H302 Acute Tox 4, H332 Eye Irrit 2, H319	< 6
	2-(2-butoxyethoxy) ethanol	EC 203-961-6 CAS 112-34-5	Eye Irrit 2, H319	< 4
	Distillates (petroleum), solvent-dewaxed light paraffinic	EC 265-159-2 CAS 64742-56-9	Asp. Tox. 1, H304	< 5
	Water based polymers and emulsifiers		Non-hazardous	To 100

4. First aid measures

Description of first aid measures:

Inhalation:
Remove to fresh air.

Skin contact:
Wash affected area with soap and water. Remove contaminated clothing

Eye contact:
Immediately flush eyes with plenty of water, get medical attention if irritation persists.

Ingestion:
Wash out mouth with water. If material has been swallowed give small quantities of water to drink.
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. Symptomatic treatment as required.

Most important symptoms and effects, both acute and delayed:

Indication of any immediate medical attention and special treatment needed:

5. Firefighting measures

Description of first aid measures:

Suitable extinguishing media: Water spray, foam, powders, carbon dioxide

Most important symptoms and effects, both acute and delayed:

Unsuitable extinguishing media: Water jet

Containers involved in a fire may become pressurised and burst.

Indication of any immediate medical attention and special treatment needed:

Unlikely to support combustion.

Prevent fire-fighting water from entering drains and watercourses.

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

6. Accidental release measures

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. Prevent entry into sewers and watercourses.

Environmental precautions:

Methods and material for containment and cleaning 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.

Reference to other sections:

See section 8 and 13 for further advice.

7. Handling and storage

Precautions for safe handling:

Ensure adequate ventilation. Do not breathe vapours or mists. 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.

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.

Specific end uses:

No special precautions. Use only as directed in accordance with the label.

8. Exposure controls/personal protection

Control parameters:

No occupational exposure limits identified

Exposure controls:

Engineering controls: None usually required for handling outside.

Indoors, ensure adequate ventilation, especially in confined areas.

Ensure good level of basic ventilation with at least 1-3 air exchanges per hour.

Respiratory protection: None usually required unless ventilation rate is not possible to achieve. In case of insufficient ventilation: respirator with a vapour filter (EN 141). recommended Filter Type A-P2

Hand Protection: In case of contact, wear gloves. Butyl or nitrile rubber may be suitable (breakthrough time > 480 min), however, glove manufacturers recommendations should always be consulted.

Eye protection: Safety glasses with side protection recommended.
Skin protection: Coveralls.

Environmental Exposure Controls: Prevent entry into drains and watercourses.

9. Physical and chemical properties

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: $\geq 99^{\circ}\text{C}$
 - i) Autoignition temperature: Will not support combustion
 - j) Decomposition temperature: No data available
 - k) pH: Neutral
 - l) Viscosity, dynamic: As for water
 - m) Solubility: Soluble in various organic solvents, dispersion in water
 - n) Partition coefficient (log Kow): No data available, no components considered potentially accumulative
 - 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
- Other information: No hazardous physical properties

10. Stability and reactivity

Reactivity:	No reactive hazards known
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	None.
Conditions to avoid:	Avoid exposure to moisture and high temperatures.
Incompatible materials:	Avoid contact with strong oxidisers, acids and bases.
Hazardous decomposition products:	None under normal conditions of use. On combustion or thermal decomposition: Carbon monoxide (CO), Carbon dioxide (CO ₂).

11. Toxicological information

Information on toxicological effects:	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. LD50 (oral, rat) estimated > 2000 mg/kg LD50 (dermal, rat) estimated > 2000 mg/kg
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- (b) skin corrosion/irritation: based on available data for the components, the classification criteria are not met.
- (c) serious eye damage/irritation: based on the components, the mixture is potentially irritating to the eye, but not sufficient for classification
- (d) respiratory/skin sensitization: based on ingredients, the classification criteria are not met.
- (e) germ cell mutagenicity: based on ingredients, the classification criteria are not met.
- (f) carcinogenicity: based on ingredients, the classification criteria are not met.
- (g) reproductive toxicity: based on ingredients, the classification criteria are not met.
- (h) STOT-single exposure: based on ingredients, the classification criteria are not met
- (i) STOT-repeated exposure: based on ingredients, the classification criteria are not met
- (j) aspiration hazard: not applicable. Water emulsion

12. Ecological information

Toxicity:	Based on ingredients, the classification criteria are not met. No components classified as hazardous to the environment
Persistence and degradability:	Components considered biodegradable and not persistent
Bioaccumulative potential:	None of the components considered potentially accumulative
Mobility in soil:	Water soluble components likely to be mobile in soil
Results of PBT and vPvB assessment:	None of the components are known to be PBT, PMT, vPvM or vPvB
Endocrine disrupting properties	None of the components are known to have endocrine disrupting properties.
Other adverse effects:	None known.

13. Disposal considerations

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. Considered low hazard for waste.
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14. Transport information

Terrestrial (RID/ADR)	Not regulated
Maritime (IMO)	Not regulated
Aerial (ICAO/IATA)	Not regulated
Other info:	Not classified as dangerous under transport regulations.

15. Regulatory information

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

Chemical safety assessment:

In compliance with Regulation (EC) No. 1272/2008 (GHS/CLP), it is not necessary to classify or label the product.

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

16. Other information

Bibliography: Regulation (EC) 1907/2006 of the European Parliament (REACH).
Regulation (EC) 1272/2008 of the European Parliament (CLP).
Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP).
Regulation (EU) 2015/830 of the European Parliament.
Regulation (EU) 878/2020 of the European Parliament.
D.Lgs. 81/2008 e s.m.i.

Disclaimer: Every precaution is taken in production to ensure that the product is in conformity with the provided measures and with data published, but since it is a natural product, you may experience a slight change due to variations in natural deposits.

The information contained herein is based on our knowledge at the above specified data.

It is not to be considered a warranty or quality specification.

The user is required to verify the suitability and completeness of such information in relation to the specific intended use.

This sheet cancels and replaces all previous editions.