

Safety Data Sheet

BoundWorx[®] Easy Trowel

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

1.1. Product identifier

Product name BoundWorx[®] Easy Trowel

Product number BoundWorx[®] Easy Trowel

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

At present there is no complete information available on identified uses. When the data becomes available, it will be integrated into the safety data sheet.

1.3. Details of the supplier of the safety data sheet

Supplier RESIN BONDED LTD
UNIT F1
BIRD IN EYE FARM
UCKFIELD
TN22 5HA
T: +44 (0) 1825 891329
E: info@resinbonded.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0)1825 891329 (08:00-17:00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Type of product: Substance

Classification (REGULATION (EC) No 1272/2008)

Serious eye damage, Category 1	H318: Causes serious eye damage.
Skin sensitisation , Category 1	H317: May cause an allergic skin reaction.
Chronic aquatic toxicity , Category 3	H412: Harmful to aquatic life with long lasting effects.

Classification (67/548/EEC, 1999/45/EC)

Sensitising	R43: May cause sensitisation by skin contact.
Irritant	R41: Risk of serious damage to eyes.
Dangerous for the environment	R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label Elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms:



Signal word: Danger

Hazard statements: H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements: **Prevention:**
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P273 Avoid release to the environment.
P280 Wear protective gloves/ eye protection/ face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/ physician.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

2.3. Other hazards

This substance is not considered to be very persistent nor very bioaccumulating (vPvB). This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

SECTION 3: Composition/information on ingredients

Chemical Name	CAS-No. EINECS-No. / ELINCS No.	Concentration [%]
3-Oxazolidineethanol, 2-(1-methylethyl)-, 3,3'-carbonate	145899-78-1 01-0000017627-63-XXXX	>= 50 - <= 100
3-Oxazolidineethanol, 2-(1-methylethyl)-	28770-01-6	>= 1 - < 2,5

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.

Inhalation Move to fresh air.
Consult a physician after significant exposure.

Ingestion Clean mouth with water and drink afterwards plenty of water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Obtain medical attention.

Skin contact Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
If symptoms persist, call a physician.

Eye contact Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Continue rinsing eyes during transport to hospital.
Remove contact lenses.
Keep eye wide open while rinsing.

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

Symptoms Allergic reactions
Excessive lachrymation
See Section 11 for more detailed information on health effects and symptoms.

Risks sensitising effects

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

Treatment Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products No hazardous combustion products are known

5.3. Advice for firefighters

Further information Standard procedure for chemical fires.

Special protective equipment for firefighters In the event of fire, wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment.
Deny access to unprotected persons.

6.2. Environmental precautions

Environmental precautions Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

Reference to other sections For personal protection see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Do not breathe vapours or spray mist. Avoid exceeding of the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion Normal measures for preventive fire protection

Hygiene measures Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations.

Other data No decomposition if stored and applied as directed.

7.3. Specific end use(s)

Specific end use(s) No data available

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

Personal protective equipment

Eye protection	Safety glasses with side-shields Eye wash bottle with pure water
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications. Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (0,4 mm), Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.
Skin and body protection	Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
Respiratory protection	No special measures required.

Environmental exposure controls

General advice	Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.
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SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	liquid
Colour	colourless
Odour	sweet
Odour Threshold	No data available
Flash point	76 °C
Ignition temperature	not applicable
Lower explosion limit (Vol%)	No data available
Upper explosion limit (Vol%)	No data available
Flammability (solid, gas)	No data available
Oxidizing properties	No data available
Auto-ignition temperature	No data available
pH	No data available
Melting point/range	ca. -67 °C
Boiling point/boiling range	ca. 200 °C
Vapour pressure	No data available
Density	ca.1,07 g/cm ³ at 20 °C
Water solubility	Note: insoluble
Partition coefficient: noctanol/water	No data available
Viscosity, dynamic	No data available
Viscosity, kinematic	> 7 mm ² /s at 40 °C
Relative vapour density	No data available
Evaporation rate	No data available

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stability The product is chemically stable.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Stable under recommended storage conditions.

10.4. Conditions to avoid

Conditions to avoid No data available

10.5. Incompatible materials

Materials to avoid No data available

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity No data available

Skin corrosion/irritation Causes serious eye damage.

Respiratory or skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity No data available

Carcinogenicity No data available

Reproductive toxicity No data available

Teratogenicity No data available

STOT - single exposure No data available

STOT - repeated exposure No data available

Aspiration toxicity No data available

SECTION 12: Ecological information

12.1. Toxicity No data available

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

Results of PBT and vPvB assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6. Other adverse effects No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product The generation of waste should be avoided or minimized wherever possible.
Empty containers or liners may retain some product residues.
This material and its container must be disposed of in a safe way.
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.
Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Contaminated packaging 15 01 10* packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

ADR Not dangerous goods

IATA Not dangerous goods

IMDG Not dangerous goods

14.6. Special precautions for user No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Transport information

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

Labelling according to EC Directives (1999/45/EC)

Hazard pictograms



Irritant

Guidance	R41	Risk of serious damage to eyes.
	R43	May cause sensitisation by skin contact.
	R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases(s)	S24	Avoid contact with skin.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S37/39	Wear suitable gloves and eye/face protection.

Hazardous components which must be listed on the label:

- 3-Oxazolidineethanol, 2-(1-methylethyl)-, 3,3'-carbonate
- 3-Oxazolidineethanol, 2-(1-methylethyl)-

Prohibition/Restriction

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).

None of the components are listed (=> 0.1 %).

REACH - List of substances subject to authorisation (Annex XIV)

Not applicable

REACH Information:	All substances contained in our Products are - preregistered or registered by our upstream suppliers, and/or - preregistered or registered by us, and/or - excluded from the regulation, and/or - exempted from the registration.
VOC-CH (VOCV)	no VOC duties
VOC-EU (solvent)	Not applicable

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environmental regulation/legislation specific for the substance or mixture: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002
Control of Substances Hazardous to Health Regulations 2002
The Management of Health and Safety at Work Regulations 1999
Health and Safety at Work Act 1974
Environmental Protection Act 1990 & Subsidiary Regulations

15.2. Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.