

Page 1 of 10 Date of impression: 12/12/2017

SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY OR UNDERTAKING .

1.1 Product identifier .

Product Name :

REVECORK MULTISURFACE

1.2 Identified relevant uses of the mixture and discouraged uses.

Mortar. Intended for professional use. Discouraged uses: Uses other than those advised.

1.3 Data from the provider of the safety data system.

Company:	REVESTIMIENTOS TECNICOS SOSTENIBLES S.L.
Address:	Pol. Ind. El Torno C/ Alfareros nº
13 Population:	41710 - UTRERA
Province:	SEVILLE
Telephone:	955 27 01 07
Email:	info@rts-spain.com

1.4 Emergency telephone: 955 27 01 07 (Only available during office hours; Monday-Friday; 08:00- 18:00)

SECTION 2: IDENTIFICATION OF HAZARDS.

2.1 Classification of the mixture.

The product is not classified as dangerous according to Regulation (EU) No 1272/2008.

2.2 Elements of the label.

P-phrases:

-pinases.	
P10 1	If medical advice is needed, have the container or label handy. P102
	Keep out of reach of children.
P10 3	Read the label before use.
P27	3+P501Prevent its release into the environment-Remove the contents/container in accordance with current
national reg	ulations.

Additional hazard statements:

Reserved exclusively for professional users.

2.3 Other dangers.

Under conditions of normal use and in its original form, the product does not have any other negative effects on health and the environment.

SECCION 3: COMPOSICION/INFORMACION SOBRE LOS C OMPONENTES.

3.1 Substances. Not applicable.

3.2 Mixtures.

Substances representing a danger to health or the environment in accordance with Regulation (EC) No. 127 2/2008, are as signed a Community exposure limit in the workplace, are classified as PBT/vPvB or included in the List of Candidates:

			· · /	n - Regulation /2008
Identifiers	Name	Concentration	Classification	Concentration limits Specific



TOKEN Of DATA Of SAFETY (From agreement with the Regulation (UE) 201 5/830)

REVECORK MULTISURFACE

Page 2 of 10 Date of impression: 12/12/2017

		-		
N. Index: 005- 007- 00-2 CAS No : 1004 3-35-3 EC No : 233-1 39-2 Registration No. : 01- 2119 48 668 3-25-XXXX	[1] boric acid	0.3 - 5.5 %	Repr. 1B, H360FD	Repr. 1B, H36 0FD: C ≥ 5,5 %
N. Index: 030- 011- 00-6 CAS No : 7779-9 0-0 EC No : 231-9 44-3 Registration No. : 01- 2119 48 504 4-40-XXXX	tricinc bis(orthophosphate)	0.2 5 – 2.5 %	Aquatic Acute 1, H400 - Aquatic Chronic 1, H410	-
N. Index: 007- 010- 00-4 CAS No . 7632-0 0-0 EC No : 231-5 55-9 Registration No. : 01- 2119 47 183 6-27-XXXX	sodium nitrite	0.1 - 1 %	Acute Tox. 3 *, H301 - Aquatic Acute 1, H400 - Ox. Sun. 3, H272	-
Index N. : 613- 112- 00-5 CAS No : 2653 0-20-1 EC No : 247-7 61-7	2-octyl-2H-isothiazole-3-one	0 - 0.05 %	Acute Tox. 3 *, H311 - Acute Tox. 3 *, H331 - Acute Tox. 4 *, H302 - Aquatic Acute 1, H400 - Aquatic Chronic 1, H410 - Skin Corr. 1B, H314 - Skin Sens. 1, H317	Skin Sens. 1 , H317: C ≥ 0,05 %
Index Number : 613- 088- 00-6 CAS No .: 2634-3 3-5 EC No : 220-1 20-9	1,2 ,be ncisothiazole-3-one,1,2- benzisothiazole- 3(2H)- one	0 - 0.05 %	Acute Tox. 4 *, H302 - Aquatic Acute 1, H400 - Eye Dam. 1, H318 - Skin Irrit. 2, H315 - Skin Sens. 1, H317	Skin Sens. 1, H317: C ≥ 0,05 %

(*) The full text of the H-phrases is detailed in section 16 of this Safety Data Sheet.

* See Regulation (EC) No. 1272/2008, Annex VI, section 1.2.

[1] Substance to which a Community limit of exposure at the workplace applies (see section 8.1).

SECTION 4: FIRST AID.

4.1 Description of first aid

Due to the composition and typology of the substances present in the preparation, no particular warnings are needed.

Inhalation.

Place the injured person outdoors, keep him warm and in repos, if the breathing is irregular or stops, practice artificial respiration. Do not administer anything by mouth. If you are unconscious, put you in a proper position and seek medical help.

Eve contact .

If you wear contact lenses, remove them. Wash your eyes thoroughly with clean, fresh water for at least 10 minutes, pulling up your eyelids and seeking medical assistance.

Contactlapiel.

Remove contaminated clothing . Wash the skin vigorously with soap and water or a proper skin cleanser . NUNC A use solvents or diluents.

Ingestion.

If it has accidentally been ingested, immediately seek medical attention. Keep you at rest. NUNC A cause vomiting.



Page 3 of 10 Date of impression: 12/12/2017

4.2 Main symptoms and effects, acute and delayed. There are no known acute or delayed effects from exposure to the product.

4. 3 Indication of any medical care and special treatment to be provided immediately. In cases of doubt, or when symptoms of discomfort persist, seek medical attention. Never administer anything by way orral to people who are unconscious.

SECTION 5: FIRE-FIGHTING MEASURES

The product does not present any particular risk in case of fire. The product is NOT classified as flammable, in case of fire the following measures must be followed:

5.1 Means of extinction.

Recommended means of

extinction.

Extinguishing powder or CO2. In case of more serious fires also alcohol-resistant foam and sprayed water. Do not use for extinction direct jet of water.

5.2 Specific hazards arising from the mixture.

Special risks.

Fire can produce thick black smoke . As a consequence of thermal decomposition, products can be formed dangerous: carbon monoxide , carbon dioxide . Exposure to combustion or decomposition products can be harmful to health.

5.3 Recommendations for the person 1 of fire fighting.

Cool tanks, cisterns or containers near the heat or fire source with water. Take into account the direction of the wind. Prevent products used in firefighting from passing into drains, sewers or waterways. <u>Protection equipment against cendios</u>. Depending on the magnitude of the fire, it may be necessary to wear heat protection suits , autonomous breathing equipment, gloves, goggles or face masks and boots.

SECTION 6: MEASUREMENTS IN AC Under OF ACCIDENTAL DUMPING.

6.1 Personal precautions, protective equipment and emergency procedures. For exposure control and personal protection measures, see section 8.

6.2 Environmental precautions .

Product not classified as hazardous to the environment, avoid as far as possible any spillage.

6.3 Containment and cleaning methods and material.

The contaminated area should be cleaned immediately with an appropriate decontaminant. Pour the decontaminant into the remains and leave it for several days until there is no reaction, in an unclosed container.

6.4 Reference to other sections.

For exposure control and personal protection measures, see section 8. For the disposal of waste, follow the recommendations of heading 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.

The product does not require special handling measures, the following general measures are recommended : For personal protection, see section 8. Never use pressure to empty the containers, they are not pressure-resistant containers. Smoking , eating and drinking must be prohibited in the application area. Comply with legislation on safety and health at work. Store the product in containers of a material identical to the original.

7.2 Secure storage conditions , including possible incompatibilities.



Page 4 of 10 Date of impression: 12/12/2017

The product does not require special storage measures.
As general storage conditions, sources of heat, radiation, electricity and contact with food should be avoided.
Keep away from oxidizing agents and strongly acidic or alkaline materials. Store the containers between 5 and 35 □C, in a dry and well-ventilated place.
Store according to local legislation. Observe label directions .
The product is not affected by Directive 2012/18/U E (SEVESO III).
7.3 Specific USES s fine.
Acoustic insulation to air and impact noise. Also applicable in the following cases:
-Plastering of renovation of facades or interior walls.
-Waterproofing of floors, terraces and roofs.
-To seal cracks and fissures of large and small dimensions.

-Sealed between concrete and slabs, any type of tiling and even on old tiling. You can also put parquet on top.

-Vibration and noise damper; very good sound absorption for soundproofing.

- Thermal insulation.

- Antioxidant mortar.

-Waterproofing and insulation of deposits.

-Fungicide- anti mold, anti moisture protector.

-Decorative finish type coating for vertical parameters in interiors and exteriors.

-Last layer in recreational facilities such as: parks, nurseries, etc.

-To cover metal beams and pillars .

-Waterproofing of concrete tunnels.

SECCION 8: CONT ROLES DE EXPOSICIÓN/PROTECCION I NDIVIDUAL.

8.1 Control parameters .

Exposure limit during work for:

Name	N. CAS	Country	Limit value	ppm	mg/m ³
	1004 3-35-3 Spain [Spain [1]	Eight hours		2
boric acid		Span [1]	Short p loop		6

[1] According to the list of Occupational Exposure Environmental Limit Values adopted by the National Institute of Safety and

Hygiene at Work (INSHT) for the year 2015.

The product does NOT contain substances with Biological Limit Values.

DNEL/DMEL concentration levels:

Name	DNEL/DMEL	Guy	Value
boric acid CAS No : 1004 3-35-3 EC No : 233-1 39-2 CAS N . EC NO :	DNEL (Workers)	Inhalation, Chronic, Systemic effects	8,3 (mg/m³)
tricinc bis(orthophosphate) CAS No : 7779-9 0-0 EC No : 231-9 44-3 CAS N . EC NO :	DNEL (Workers)	Inhalation, Chronic, Systemic effects	5 (mg/m ³)
sodium nitrite CAS No . 7632-0 0-0 EC No : 231-5 55-9 CAS N . EC NO :	DNEL (Workers)	Inhalation, Chronic, Systemic effects	2 (mg/m³)

DNEL : Derived No Effect Level, the level of exposure to the substance below which no adverse effects are expected. DMEL: Derived Minimal Effect Level, level of exposure that corresponds to a low risk, which should be considered a risk Tolerable minimum.

8.2 Exposure controls .



Page 5 of 10 Date of impression: 12/12/2017

Technical measures:

Provide adequate ventilation, which can be achieved through good local extraction-ventilation and a good overall extraction system.

Concentration:	100 %		
Uses:	Mortar. Intended for professional use.		
Respiratory prote	etion:		
If the recommendee	technical measures are met, no personal protective equipment is necessary.		
Hand protection:			
EPI: Features: CEN Standards :	Work gloves CE marking Category I. EN 374- 1, En 374-2, EN 37 4-3, EN 420 They should be stored in a dry place, away from possible SOURCES of heat, and exposure to		
Maintenance:	solar rays as far as possible. No modifications that may alter their strength shall be made to the glo nor shall paints, solvents or adhesives be applied.	oves,	
Remarks:	The gloves must be the COTTECT size, and fit the hand without being too loose or loose . too tight. They should always be used with clean and dry hands.		
Material:	PVC (Chloride of polyvinyl)Time of penetration (min.): > 480 Thickness of the Material (mm): 0.35		
Eye protection:			
	dled correctly, no personal protective equipment 1S necessary.		
Skin protection:			
EPI:	Protective clothing		
Characteristics:	CE marking Category II. Protective clothing should not be narrow or loose so that it does not interfere with the user's movements.		
CEN Standards :	IN 340		
Maintenance:	The washing and preservation instructions provided by the manufacturer must be followed to ensure unchanging protection . Protective clothing should provide a level of comfort consistent with the level of protection that		
Remarks:	must provide against the risk against which it protects, under environmental conditions, the louser activity and expected usage time.	evel of	
EPI: Characteristics: CEN Standards :	Work shoes CE marking Category II. IN ISO 1328 7, IN 203 47		
Maintenance:	These items adapt to the shape of the foot of the first user. For this reason, as well as for Hygiene issues, their reuse by another person should be avoided.		
Remarks:	Work footwear for professional use is the one that incorporates protective elements intended to protect the user from injuries that could cause accidents, workers should be checked to which is suitable for this footwear.		

SECTION 9: PHYSICAL PROPERTIES S AND CHEMICAL S.

9.1 Information on basic physical and chemical properties. Appearance: According to letter Color: N.D./ N.A. Smell:N.D. / N.A. Olfactory threshold:N.D./N .A. pH: 5.5-7 Usion F Point:N.D. / N.A. Boiling point ::1.53 7°C Flash point : 27 6°C Evaporation rate: N.D./N . To. Flammability (solid, gas): N.D./N . A. Lower explosion limit: N.D./ N.A. Upper explosion limit: N.D./N .A. Vapour pressure : 15 .58 7 Vapour density :N.D./N.A. Relative density: 0.5 g/cm³ Solubility:N .D./N.A .

Solubility: N.D./N.A . Liposolubility: N.D./ N.A. Water solubility: N.D./N.A .



Page 6 of 10 Date of impression: 12/12/2017

Partition coefficient (n-octanol/water): N.D./N . A. Self-ignition temperature: N.D./ N.A. Decomposition temperature : N.D./N .A. Viscosity: N.D./N .A. Explosive properties: N.D./N . A. Oxidizing properties: N.D./N . A. N.D./N.A. = Not Available/Not Applicable due to the nature of the product.

9.2. Other data. <u>Volatile organic</u> compound <u>(VOC)</u> Product subcategory: High performance coatings of a component, water-based Phase I * (from 01/01/2007): 140 g/l Phase II* (from 01/01/2010): 140 g/l (*) g/l ready for use

VOC content (w/w): 0,402 % VOC content: 2,046 g/l

SECTION 10: STABILITY AND REACTIVITY.

10.1 Reactivity. The product presents no dangers due to its reactivity.

10.2 Chemical stability.Unstable in contact with:Bases.

10.3 Possibility of reactions pelig roses. Neutralization may occur in contact with bases.

10.4 Conditions to be avoided.

- Avoid contact with bases.

10.5 Incompatible materials.

Avoid the following materials:

- Bases.

10.6 Dangerous decomposition products.Depending on the conditions of use, the following products may be generated:Corrosive vapors or gases .

SECTION 11: TOXICOLOGICAL INFORMATION.

11.1 Information on toxicological effects.

Repeated or prolonged contact with the product can cause the removal of fat from the skin, leading to non-allergic contact dermatitis and absorb the product through the skin.

Splashes in the eyes can cause irritation and reversible damage.

a) acute toxicity ; Inconclusive data for classification.

Acute toxicity estimation (ATE): Mixture: ATE (Oral) = 24311 mg/kg

b) skin corrosion or irritation ;In view of the available data, the classification criteria are not met.

c) severe eye injury or irritation;



Page 7 of 10 Date of impression: 12/12/2017

In view of the available data, the classification criteria are not met.

d) respiratory or skin sensitization;
 In view of the available data, the classification criteria are not met.

e) mutagenicity in germ cells; Inconclusive data for classification.

f) carcinogenicity;Inconclusive data for classification.

g) reproductive toxicity ; In view of the available data, the classification criteria are not met.

h) specific organ toxicity (STOT) - single exposure; Inconclusive data for classification.

i) specific **organ toxicity** (STOT) - **repeated** exposure; Inconclusive data for classification.

j) danger of aspiration;Inconclusive data for classification.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.

No information is available regarding the Ecotoxicity of the substances present.

12.2 Persistence and degradability. No information is available on the persistence and degradability of the product.

12.3 Potential of Baio accumulation. No information is available regarding the Bio accumulation of the substances present.

12.4 Mobility on the ground. No information is available on soil mobility. The product should not be allowed to pass into sewers or waterways . Avoid penetration into the ground.

12.5 Results of the PBT and vPvB assessment. No information is available on the PBT and vPvB valuation of the product.

12.6 Other side effects .

No information is available on other adverse effects on the environment.

SECTION 13: CONSIDERS VAT ON ELIMINATION.

13.1 Methods for the treatment of waste.

It is not allowed to be discharged into sewers or waterways. Empty waste and packaging must be handled and disposed of in accordance with current local/national legislation.

Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: INFORMATION RELATING TO T RANSPORTE.

It is not dangerous in transport. In case of accident and spillage of the product act according to point 6. 14.1 UN number.



Page 8 of 10 Date of impression: 12/12/2017

It is not dangerous in transport.

14.2 United Nations official designation of transport. It is **not** dangerous in transport.

14.3 Class(s) of danger for transport. It is not dangerous in transport.

14.4 Packaging group. It is not dangerous in transport.

14.5 Danger to the environment. It is

not dangerous in transport.

14.6 Particular precautions for users. It is **not** dangerous in transport.

14.7 Carriage in bulk in accordance with Annex II to the MAR POL Convention and the IBC Code. It is not dangerous in transport.

SECTION 15: REGULATORY INFORMATION.

15.1 Regulations and legislation on safety, health and environment specific to the mixture. The product is not affected by Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete ozone layer.

The provisions of directive 2004/42/EC on VOCs apply to this product. Please refer to the product label and/or safety data sheet for further information.

The product is not affected by Directive 2012/18/U E (SEVESO III).

The product is not affected by Regulation (EU) No 52 8/2012 concerning the placing on the market and use of biocidal products. The product is not affected by the procedure laid down in Regulation (EU) No 649/ 201 2 on the export and import of dangerous chemical products.

Restrictions on the manufacture, placing on the market and use of certain hazardous substances and mixtures:

Name of the substance, of the	Restrictions
0 1	
groups of substances or mixtures 29. Substances listed in Annex VI, Part 3 of Regulation (EC) No 1272/20 08 classified as germ cell mutagens of category 1A or 1B (Table 3.1) or mutagens of category 1 or 2 (table 3.2) and cited as follows: - Category 1A mutagen (Table 3.1)/mutagen or category 1 (Table 3.2) included in Appendix 3	 The following may not be placed on the market or used: as substances, as components of other substances, or in mixtures, for sale to the general public where the individual concentration in the substance or mixture is greater than or equal to: either the relevant specific Concentration limit set out in Part 3 of Annex VI to Regulation (EC) No 127 2/2008, or the relevant concentration fixed in Directive 1999/45/EC, where be assigned a gravitic concentration limit is Part 2 of Anney VI to
- Category 1B mutagen (Table 3.1)/category 2 mutagen (Table 3.2) included in Appendix 4	has assigned a specific concentration limit in Part 3 of Annex VI to Regulation (EC) No 12 72/ 200 8 Without prejudice to the application of other Community provisions on classification , packaging and labelling of substances and mixtures, suppliers shall ensure, before placing on the market, that the packaging of such substances and mixtures substances or mixtures bear the following inconspicuous, legible and indelible form: "Reserved exclusively for professional users". 2. However, point 1 shall not apply to: a) medicinal products for human or veterinary use as defined in Directive 2001/82/C E and Directive 2001/83/EC; b) cosmetic products as defined in Directive 76/768/EEC; c) the following fuels and petroleum products: - fuels covered by Directive 98/70/EC, - hydrocarbon derivatives, intended for use as fuels in mobile or fixed combustion plants,



Page 9 of 10 Date of impression: 12/12/2017

- fuels sold in a closed system (e.g. cylinders)
liquefied gas);
d) paintings for artists covered by Directive 1999/45/C E;
e) the substances listed in Appendix 11, column 1, for



Page 10 of 10 Date of impression: 12/12/2017

15.2 Chemical safety assessment.

No chemical safety assessment of the product has been carried out.

SECTION 16: OT RA INFORMATION.

Full text of H-phrases in section 3:

H272	May aggravate a fire; oxidizing.
H301	Toxic in case of ingestion.
H302	Harmful in case of ingestion.
H311	Toxic in contact with the skin.
H314	Causes severe skin burns and serious eye injuries. H315
	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye injuries.
H331	Toxic in case of inhalation.
H360FD	May impair fertility. It can harm the fetus. H400
	Very toxic to aquatic organisms.
H410	Very toxic to aquatic organisms, with long-lasting harmful effects.

Classification codes:

Acute Tox. 3 [Dermal] : Acute cutaneous toxicity, Category 3 Acute Tox. 3 [Inhalation] : Acute inhalation toxicity, Category 3 Acute Tox. 3 [Oral] : Acute oral toxicity, Category 3 Acute Tox. 4 [Oral] : Acute oral toxicity, Category 4



Page 10 of 10 Date of impression: 12/12/2017

Aquatic Acute 1 : Acute toxicity to the aquatic environment, Category 1 Aquatic Chronic 1 : Chronic effects on the aquatic environment, Category 1 Aquatic Chronic 3 : Chronic effects on the aquatic environment, Category 3 Eye Dam. 1 : Serious eye injury , Category 1 Ox. Sun. 3 : Oxidizing solid, Category 3 Repr. 1B : Toxic for reproduction, Category 1B Skin Corr. 1B : Skin corrosive, Category 1B Skin Irrit. 2 : Skin irritant, Category 2 Skin Sens. 1 : Skin sensitiser, Category 1

Headings modified with respect to the previous version:

1.2, 3, 4, 8.9, 10, 1 1.1 2, 15, 16

It is recommended to use the product only for the intended uses. Other phrases: Reserved exclusively for professional users.

Abbreviations and acronyms used:

CEN:European Committee for Standardisation.

- DMEL: Derived Minimal Effect Level, exposure level that corresponds to a low risk, which should be considered a tolerable minimum risk.
- DNEL: Derived No Effect Level, the level of exposure to the substance below which no adverse effects are expected.
- EPI: Personal protective equipment.

Main bibliographic references and data sources : http://eur-lex.europ a.e u/homepage. html http://echa.europ a.e u/ Regulation (EU) 2015/ 83 0. Regulation (EC) No 19 07/ 200 6. Regulation (EU) No 127 2/2008 .

The information provided in this Safety Data Sheet d has been drawn up in accordance with COMMISSION REGULATION (EU) 201 5/830 of 28 May 20 15 amending Regulation (EC) No 19 07/ 200 6 of the European Parliament and of the Council on the Registration , Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency , amending Directive 1999/4 5/EC and repealing Council Regulation (EC) No 7 93/93 and Regulation (EC) No 148 8/94 as well as Council Directive 76/76 9/EEC and Commission Directives 91/155/EC E, 93/67/EEC, 93/105/EC and 200 0/21/C E . Complies with USA 1507.15.2 Material Standards for ASTM standards.

The information in this Product Safety Date Sheet is based on current knowledge and current EC and national laws, in that the working conditions of users are beyond our knowledgeand control. The product must not be used for purposes other than those specified, without first having a written instruction, of its handling. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established in the legislations.