



Safety Data Sheet

One-Part Pourable Sealer

2L

Revision Date: 28/02/2018

Section 1: Identification of the Product and Company Identification

1.1. Product Identifier

Product Name: RubberBond One-Part Pourable Sealer
Product Code: 307647

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

Identified uses Moisture cure sealant. Product for industrial use only
Uses advised against No additional information available

1.3. Details of the supplier of the safety data sheet

Suppliers: Flex-R Ltd.
Sandswood House
Hillbottom Road
Sands Industrial Estate
High Wycombe
Buckinghamshire
HP12 4HJ
Tel: 01494 448792 Fax: 01494 858433 Email: enq@rubberbond.co.uk

1.4. Emergency telephone number

Emergency telephone 01865 407333 – English speaking (24 hours, 7 days)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards No additional information available
Health hazards Eye Dam. 1 - H318 Skin Sens. 1 - H317
Environmental hazards No additional information available
Human Health No additional information available
Physicochemical No additional information available

2.2. Label elements

Pictogram

Exclusive British Isles Distributors for Carlisle-SynTec and RubberBond EPDM single ply roofing materials.

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Signal word

Danger

Hazard statements

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

Precautionary statements

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P302+P352 - IF ON SKIN: Wash with plenty of water

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

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 doctor

P501 - Dispose of contents/container to an authorised waste collection point

Contains

N-(3-(trimethoxysilyl)propyl)ethylenediamine

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.2. Mixtures

N-(3-(trimethoxysilyl)propyl)ethylenediamine	1 - 3%	
CAS number: 1760-24-3	EC number: 217-164-6	REACH registration number:
Classification		
Not classified		

The Full Text for all Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms develop, obtain medical attention.

Ingestion

Do NOT induce vomiting. Rinse mouth. Give 100 - 200 ml of water to drink. Do not give an unconscious person anything to drink. Obtain immediate medical attention.

Skin contact

Immediately remove contaminated clothing or footwear. Rinse skin with plenty of water or shower. If skin irritation or rash occurs: Get medical advice/attention.

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Eye contact

Rinse immediately with plenty of water (for at least 15 minutes). Ensure that folded skin of eyelids is thoroughly washed with water. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain immediate medical attention.

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

Inhalation	Inhalation of vapours may cause respiratory irritation..
Ingestion	Ingestion may cause irritation of the gastrointestinal tract.
Skin contact	May cause an allergic skin reaction.
Eye contact	Causes serious eye damage.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray. Dry chemical. Foam. Carbon dioxide.
Unsuitable extinguishing media	None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard	Not flammable
Explosion hazard	Containers may rupture when heated.
Hazardous decomposition products in case of fire	Fire may produce irritating, corrosive and/or toxic gases. Nitrogen oxides. Silicon oxides. Sulphur oxides. Hydrogen sulfide. Carbon monoxide. Carbon dioxide.

5.3. Advice for firefighters

Firefighting instructions	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not allow run-off from firefighting to enter drains or water courses.
Special protective equipment for firefighters	Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	Evacuate unnecessary personnel. Ensure adequate ventilation.
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6.1.2. For emergency responders

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Protective equipment

Wear suitable protective clothing and eye or face protection.

Emergency procedures

Ensure adequate ventilation. Avoid inhalation of vapours. Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if large amounts of the product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Absorb with earth, sand or other non-combustible material, allow to cure, and transfer to containers for later disposal. Wash spill area with soapy water. Washings must be prevented from entering surface water drains.

6.4. Reference to other sections

Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

Provide adequate ventilation. Avoid inhalation of vapours. Avoid contact with skin, eyes and clothing.

Hygiene measures

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

Store tightly closed in a dry, cool and well-ventilated place. Protect from moisture.

Incompatible materials

Strong oxidizing agents. Moisture.

7.3. Specific end use(s)

Specific end use(s)

Moisture cure sealant. Product for industrial use only.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

No additional information available

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8.2. Exposure controls

Appropriate engineering controls	Provide adequate ventilation. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.
Personal protective equipment	Avoid all unnecessary exposure.
Eye/face protection	Chemical goggles or face shield. Standard EN 166 - Personal eye-protection.
Hand protection	Wear chemically resistant protective gloves. Standard EN 374 - Protective gloves against chemicals. Gloves should be removed and replaced if there are any signs of degradation or breakthrough.
Other skin and body protection	Long sleeved protective clothing.
Respiratory protection	Not required for normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment.
Environmental exposure controls	Avoid release to the environment.
Thermal hazard protection	Wear heat-resistant gloves and clothing if the product is heated.
Other information	Do not eat, drink or smoke during use. Handle in accordance with good industrial hygiene and safety procedures.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Paste.
Colour	No data available
Odour	Slight. Mint.
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not applicable
Vapour pressure	< 1

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Relative vapour density at 20 °C	> 1 (air = 1)
Relative density	1.39 (Water = 1)
Solubility	Insoluble in water.
Log Pow	No data available
Log Kow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
Explosive limits	No data available

9.2. Other information

VOC content	14.9 g/l
Volatile components	1.07 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Polymerises on exposure to water (moisture).
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10.2. Chemical stability

Stability	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None known
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10.4. Conditions to avoid

Conditions to avoid	Extremely high or low temperatures.
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10.5. Incompatible materials

Materials to avoid	Strong oxidizing agents. Moisture.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Fire may produce irritating, corrosive and/or toxic gases. Nitrogen oxides. Silicon oxides. Sulphur oxides. Hydrogen sulfide. Carbon monoxide. Carbon dioxide.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
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Based on available data, the classification criteria are not met

Toxicological information on ingredients.

N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3)

LD50 oral rat > 2295 mg/kg

LD50 dermal rabbit > 2000 mg/kg

LC50 inhalation rat (mg/l) > 1.49 - 2.44 mg/l/4h

Skin corrosion/irritation Not classified
Based on available data, the classification criteria are not met

Serious eye damage/irritation Causes serious eye damage.

Respiratory or skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity Not classified
Based on available data, the classification criteria are not met

Carcinogenicity Not classified
Based on available data, the classification criteria are not met

Reproductive toxicity Not classified
Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) Not classified
Based on available data, the classification criteria are not met

Specific target organ toxicity (repeated exposure) Not classified
Based on available data, the classification criteria are not met

Aspiration hazard Not classified
Based on available data, the classification criteria are not met

Potential adverse human health effects and symptoms Causes serious eye damage. Allergic skin rash. Ingestion may cause irritation of the gastrointestinal tract. Inhalation of vapours may cause respiratory irritation.

SECTION 12: Ecological Information

12.1. Toxicity

Ecology - water Not classified.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

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Ecology - soil Insoluble in water.

12.5. Results of PBT and vPvB assessment

RubberBond One-Part Pourable Sealer

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Other adverse effects Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods Dispose of this material and its container at hazardous or special waste collection point.

Waste disposal recommendations Allow product to cure before disposal. Dispose in a safe manner in accordance with local/national regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Additional information Handle empty containers with care.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR) Not regulated for transport

UN-No. (IATA) Not regulated for transport

UN-No. (IMDG) Not regulated for transport

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information No supplementary information available.

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14.6. Special precautions for user

Special transport precautions

No special precautions required.

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Authorisations and/or restrictions on use (Annex XVII):

RubberBond One-Part Pourable Sealer

3.b. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10

Contains no substance on the REACH candidate list

VOC content 14.9 g/l

15.1.2. National regulations

National regulations No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by	Technical
Revision date	28/02/2018
Data sources	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures.
Hazard statements in full	Eye Dam. 1 Serious eye damage/eye irritation, Category 1 Skin Irrit. 2 Skin corrosion/irritation, Category 2

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Skin Sens. 1 Sensitisation — Skin, category 1
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage

NCEC SDS EU (REACH ANNEX II)

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, CCWI Company must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use

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