

Masonry Sealer - WDC

Conpro Shield MX

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2015

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SECTION 1

IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Form

- ☐ Liquid

Product Name

- ☐ Conpro Shield MX

1.2 Relevant identified uses of the substance Or mixture and uses advised against

Use of Substance

- ☐ Used on vertical and horizontal concrete, concrete block, concrete pavers, natural stone, stucco and brick.

1.3 Details of the supplier of the safety data sheet

- ☐ Conproco Corporation
17 Production Drive
Dover, NH 03820

Telephone: 800.258.3500

1.4 Emergency telephone numbers

- ☐ CHEMTREC 800.725.7383
- ☐ CHEMTREC International +1.703.527.3887 24 hr

SECTION 2

HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

- ☐ Skin irritation 2
- ☐ Serious eye damage 2
- ☐ Skin sensitization 2

2.2 Label elements

Hazard Pictograms



Signal Word

- ☐ Danger

Hazard Statement

- ☐ Harmful if swallowed.
- ☐ Causes skin irritation.
- ☐ Causes serious eye damage.
- ☐ Can cause allergic skin reaction.
- ☐ May cause cancer.
- ☐ May cause respiratory irritation.
- ☐ Causes damage to organs through prolonged exposure.

Precautionary Statements

- ☐ Keep in original container.
- ☐ Do not eat, drink, or smoke when using these products.
- ☐ Wash hands thoroughly after handling.
- ☐ Do not handle until all safety precautions have been read and understood.
- ☐ Wear protective gloves/protective clothing/eye protection/face protection.
- ☐ Use in a well ventilated area.
- ☐ Absorb spillage to prevent material damage.
- ☐ If exposed or concerned: Get medical advice/attention.
- ☐ If swallowed: Immediately call a poison center/doctor. Rinse mouth.
- ☐ If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if easy to do so. Continue rinsing. Immediately call a poison center/doctor.
- ☐ If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs. Get medical advice/attention.
- ☐ If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.
- ☐ Store locked up.
- ☐ Store in a well ventilated place.
- ☐ Keep container tightly closed.
- ☐ Dispose of contents and container in accordance with all local, regional, national, and international regulations.

2.3 Other hazards

Not Available.

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SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

☐ Conpro Shield MX

3.2 Hazardous ingredients

Substance Name	CAS No.	Concentration %	GHS – US Classification
1-Octyltriethoxysilane	2943-75-1	< 95	Skin Irrit. 2 H315 Eye Dam. 2 H318 Skin Sens. 2 H317 STOT RE 1 H372

Exact percentages of concentration are withheld as a trade secret
In accordance with paragraph (I) of §1910.1200.

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SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

Following inhalation

- ☒ If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Following skin contact

- ☒ Remove contaminated clothing and safely dispose of. After contact, wash with soap immediately.

Following eye contact

- ☒ In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

Following ingestion

- ☒ If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms –

Injury after inhalation

- ☒ May cause respiratory tract irritation.

Symptoms –

Injury after skin contact

- ☒ Causes skin irritation.
- ☒ Do not allow product to have prolonged contact with skin.
- ☒ Handling can cause dry skin.
- ☒ May cause sensitization by skin contact.

Symptoms –

Injury after eye contact

- ☒ Causes serious eye damage.
- ☒ Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms –

Injury after ingestion

- ☒ Harmful if swallowed.
- ☒ May cause stomach distress, nausea or vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

- ☒ Symptoms may not appear immediately.
- ☒ In case of accident or if you feel unwell, seek medical advice immediately.

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SECTION 5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

- ☐ Extinguishing media may be dry chemical, carbon dioxide, foam or water.
- ☐ Foam or water may create a slippery condition; spread sand or grit.

Unsuitable extinguishing media

- ☐ None.

5.2 Special hazards arising from the substance or mixture

Fire Hazard

- ☐ Excess heat may cause containers to burst.

5.3 Advice for fire-fighters

Firefighting instructions

- ☐ Use foam, water, carbon dioxide or dry chemical to extinguish.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

General procedure

- ☐ Use personal protection recommended in Section 8.
- ☐ Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 Methods and materials for containment and cleaning up

For containment

- ☐ Contain spill, then place in a suitable container.
- ☐ Do not flush to sewer or allow to enter waterways.
- ☐ Use appropriate personal protection.

Methods for cleaning up

- ☐ Absorb or absorbent material.
- ☐ Place in waste disposal container.
- ☐ Flush area with water.
- ☐ Wet area may be slippery; if so, spread sand or grit.

6.3 Reference to other sections

No additional information.

SECTION 7 HANDLING & STORAGE

7.1 Precautions for safe handling

- ☐ Avoid contact with skin and eyes.
- ☐ The use of compressed air for cleaning clothing, equipment, etc., is not recommended.
- ☐ Handle and open container with care.
- ☐ When using, do not eat, drink or smoke.

Hygiene measures

- ☐ Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.
- ☐ Appropriate techniques should be used to remove potentially contaminated clothing.
- ☐ Wash contaminated clothing before reusing.
- ☐ Ensure that eyewash stations and safety showers are close to the workstation location.

7.2 Conditions for safe storage, including any incompatibility

Storage conditions

- ☐ Tanks must be clean, dry and rust-free.
- ☐ Keep container tightly closed.
- ☐ Must be stored in a diked (bundled) well-ventilated area, away from sunlight, ignition sources and other sources of heat.
- ☐ Cleaning, inspection and maintenance of storage tanks is a specialist operation which requires the implementation of strict procedures and precautions.

7.3 Specific end uses

No additional information.

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SECTION 8 EXPOSURE CONTROLS PERSONAL PROTECTION

8.1 Control parameters

7-Octyltrioctoxysilane (2943-75-1)

USA ACGIH	ACGIH TWA (mg/m ³)	N.E.
USA OSHA	OSHA PEL (TWA) (mg/m ³)	N.E.

8.2 Exposure controls

Appropriate engineering controls

- ☒ Use adequate ventilation.

Personal protection equipment

- ☒ Mask, gloves, safety glasses

Hand protection

- ☒ Cloth gloves

Eye protection

- ☒ Safety glasses

Skin and body protection

- ☒ Handle with good industrial hygiene and safety practice.
- ☒ Always wash hands after handling this product, and once again before leaving the workplace.
- ☒ Wear suitable protective clothing, and wash clothing before next use.

Respiratory protection

- ☒ Use NOISH-approved air-purifying or supplied air respirator.

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

☐	Physical state	liquid
☐	Appearance	translucent
☐	Color	clear
☐	Odor	slight
☐	Odor threshold	n/a
☐	pH	8-10
☐	Relative evaporation rate	1 (Ether = 1)
☐	Melting point	n/a
☐	Freezing point	n/a
☐	Boiling point	n/a
☐	Flash point	>200°F
☐	Auto-ignition temperature	n/a
☐	Decomposition temperature	n/a
☐	Flammability (solid/gas)	n/a
☐	Vapor pressure	8 M Bar @ 20°F
☐	Relative vapor density (20°C)	n/a
☐	Relative density	n/a
☐	Specific gravity	0.99
☐	Density	n/a
☐	Solubility	infinite
☐	Log Pow	n/a
☐	Log Kow	n/a
☐	Kinematic viscosity	n/a
☐	Dynamic viscosity	n/a
☐	Explosive properties	n/a
☐	Oxidizing properties	n/a
☐	Explosive limits	n/a

9.2 Other information

No additional information.

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity

- ☐ No dangerous reaction will occur under normal circumstances.

10.2 Chemical stability

- ☐ Stable under normal conditions.

10.3 Possibility of hazardous reactions

- ☐ Exposure to excess heat.

10.4 Conditions to avoid

- ☐ None, under normal conditions.

10.5 Incompatible materials

- ☐ Acids, oxidizing agents, bases.

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SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information of toxicological effects

1-Octyltriethoxysilane (2943-75-1)

LD50	10060 µL/kg
LC50	Not available

Skin corrosion – irritation

- ☒ Causes skin irritation.

Serious eye damage – irritation

- ☒ Causes serious eye damage.

Respiratory of skin sensitization

- ☒ May cause an allergic skin reaction.

Germ cell mutagenicity

- ☒ Classification criteria not met.

Carcinogenicity

- ☒ May cause cancer.

Reproductive toxicity

- ☒ Classification criteria not met.

Specific target organ toxicity (single exposure)

- ☒ May cause respiratory irritation.

Specific target organ toxicity (repeated exposure)

- ☒ Can cause damage to organs through prolonged or repeated exposure.

Symptoms

Symptoms – injuries after inhalation

May cause respiratory tract irritation

Symptoms – injuries after skin contact

Causes skin irritation. Do not allow product to have Prolonged contact with skin. Handling can cause dry skin. May cause sensitization by skin contact.

Symptoms – injuries after eye contact

Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms – injuries after ingestion

Harmful if swallowed. May cause stomach distress, nausea or vomiting.

Other information

Likely routes of exposure: ingestion, inhalation, skin and eye.

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SECTION 12 ECOLOGICAL INFORMATION

- 12.1 Toxicity
- Ecological – general**
- ☒ No ecological consideration when used according to directions.
 - ☒ Normal dilution of this product to drains, sewers, septic systems and treatment plants is not considered environmentally harmful.
- 12.2 Persistence and degradability
- ☒ N/a
- 12.3 Bioaccumulative potential
- ☒ N/a
- 12.4 Mobility in soil
- ☒ N/a
- 12.5 Other adverse effects
- ☒ N/a

SECTION 13 DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods
- Waste disposal recommendations**
- ☒ Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

SECTION 14 TRANSPORT INFORMATION

- 14.1 UN number
- ☒ Not available.
- 14.2 UN proper shipping name
- ☒ Not available.
- 14.3 Additional information
- ☒ None.

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SECTION 15 REGULATORY INFORMATION

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

1-Octyltriethoxysilane (2943-75-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 US State Regulations

Carcinogenic classification

IARC (I)	International Agency for Research on Cancer
	1 – Carcinogenic to humans
	2A – Probably carcinogenic to humans
	2B – Possibly carcinogenic to humans
	3 – Not classifiable
	4 – Probably not carcinogenic to humans
NTP (N)	National Toxicology Program
	1 – Evidence for carcinogenicity
	2 – Known human carcinogen
	3 – Reasonably anticipated to be Human Carcinogen
	4 – Substances delisted from report on Carcinogens
	5 – Twelfth Report – items under consideration

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SECTION 16 OTHER INFORMATION

16.1 Other information

- ☐ This document was created in accordance to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2015.

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17 Production Drive, Dover, NH 07820
TELEPHONE 603.251.5500 • FAX 603.749.5744 • WEB ADDRESS www.conproco.com