

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

1.1 Product Identifiers

Product Name : Eco Advance Concrete/Masonry Siloxane Waterproofer
 Brand : Eco Advance
 CAS-No. : N/A (Mixture)

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

Identified Uses : Industrial & Consumer

1.3 Details of the supplier of the safety data sheet (SDS)

Company : Eco Advancements Inc
 1564 W Searcy St
 Kensett, AR 72082
 USA
 Telephone : +1 501-278-2320

1.4 Emergency telephone number

Emergency Phone # : CHEMTREC: 1-800-424-9300 / +1 703-527-3887

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
 Skin irritation (Category 1), H316
 Eye irritation (Category 1), H320
 Skin irritation (Category 1), H316

For the full text of the H-Statements mentioned in this section, see section 16

2.2 GHS Label elements, including precautionary statements

Pictogram



HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

Signal word

Caution

Hazard statement(s)

H303 May be harmful if swallowed.
 H316 Causes mild skin irritation.
 H320 Causes eye irritation.
 H335 May cause respiratory irritation.

Precautionary Statement(s)

P304 + P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.
 P342 + P311 IF experiencing respiratory symptoms: call a POISON CENTER or doctor/physician.
 P301 + P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 IF eye irritation persists: Get medical advice/attention.
 P302 + P352 IF ON SKIN: wash with plenty of soap and water.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None present. This is not a hazardous material as defined in the OSHA Hazard Communication Standard.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Synonyms : Silicones

CAS-No. : NA

Hazardous components

Component	Classification	Concentration
None		

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures**4.1 Description of first aid measures****General advice**

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

If inhaled

Move victim to fresh air. If victim is unconscious, administer artificial respiration and get medical attention.

In case of skin contact

Take off contaminated clothing and shoes immediately. Wash exposed areas with soap and water.

In case of eye contact

Flush eyes with water for a minimum of fifteen minutes. If irritation persists, get medical attention immediately.

If swallowed

Do NOT induce vomiting. May be harmful if ingested. Observe victim for nausea; seek medical attention in conditions persist.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 1.1

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

No data available

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Suitable extinguishing media

Use water based product, boiling point 212°F

5.2 Special hazards arising from the substance or mixture

This product is not for injection into humans. This product contains Methylpolysiloxanes which generate formaldehyde at approximately 300°F (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant and potential carcinogen.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary

5.4 Further information

None known.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

For large spills, flush the spill with water spray. Wear recommended protective equipment.

6.2 Environmental precautions

Prevent runoff from contacting public drains, sewers, or streams.

6.3 Methods and materials for containment and cleaning up

Soak up spills with absorbent, noncombustible material and place it in labeled containers for disposal.

6.4 Reference to other sections

For disposal see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes.

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool place. 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.

Moisture sensitive.

Storage class (TRGS 510):

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

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

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.



Personal protective equipment

Eye/face protections

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Full contact

Material : Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatrill® (KCL 740 / Aldrich Z677272, Size M)

Splash contact

Material : Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatrill® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a -	Appearance	Form: liquid Color: translucent to white
b -	Odor	Mild (amine)
c -	Odor threshold	No data available
d -	pH	4.5 - 6.0
e -	Melting point / freezing point	32°F / 0°C
f -	Initial boiling point and boiling range	212°F / 100°C
g -	Flash point	None
h -	Evaporation rate	<1 (butyl acetone =1)
i -	Flammability (solid, gas)	> 200°F
j -	Upper/lower flammability or explosive limits	No data available
k -	Vapor pressure	No data available
l -	Vapor density	No data available
m -	Relative density	No data available
n -	Water solubility (@ 20°C)	Soluble
o -	Solubility in organic solvent (state solvent)	Soluble in alcohols
p -	Partition coefficient : n-octanol/water	No data available
q -	Auto-ignition temperature	No data available
r -	Decomposition temperature	No data available
s -	Viscosity	20 CPS
t -	Explosive properties	No data available
u -	Oxidizing properties	No data available
v -	Specific Gravity (H ₂ O = 1)	1.01 (@ 25°C)
w -	Silicone solids %	35%

9.2 Other safety information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Will not occur

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

- 10.6 Strong oxidizing agents, Acids
Hazardous decomposition products
Other decomposition products - carbon monoxide, carbon dioxide, formaldehyde
In the event of fire: see section 5

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity**

None found

Skin corrosion/irritation

None found

Serious eye damage/eye irritation

None found

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

The use of respiratory equipment is mandatory for all spray applications

Additional Information

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

No data available

12.6 Other adverse effect

No data available

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

The product is not considered a hazardous waste under Federal Hazardous Waste Regulation 21CFR 261. Please be advised, however, that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult your state and local disposal agencies regarding regulations pertaining to the proper disposal of this material. It is recommended that the absorbed waste product be land filled after securing Environmental Regulatory Agency and landfill operations approval. Regulations may also apply to empty containers, liners, or rinsate.

Contaminated packaging



SAFETY DATA SHEET

Revision Date : 9/10/18

Dispose of as unused product.

SECTION 14: Transport information

14.1 This product is not a DOT hazardous material and is therefore not regulated.

14.2 Special precautions for user

No data available

SECTION 15: Regulatory information

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

No data available

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

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H335 May cause respiratory irritation.

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