

SOLHYDSEAL AQUA 40**SECTION 1. IDENTIFICATION**

Product Identifier	SOLHYDSEAL AQUA 40
Other Means of Identification	SOL-SEAL-AQUA-40
Recommended Use	Waterproofing agent.
Manufacturer/Supplier Identifier	SOLHYDROC INC., 2909 Powerscourt, Athelstan, Québec, J0S 1A0, Marc Charlebois, 888-765-4937, www.solhydroc.com
Supplier Identifier	SOLHYDROC INC., 2909 Powerscourt, Athelstan, Québec, J0S 1A0, Marc Charlebois, 888-765-4937, www.solhydroc.com
Emergency Phone No.	Marc Charlebois, 514-705-7198, 24 Hres/ 7 Jours CANUTEC, 613-996-6666, 24HR/7Jours
SDS No.	0204

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

Classification

Skin irritation - Category 2

Label Elements

Signal Word:

Warning

Causes skin irritation.

Precautionary Statement(s):

Do not handle until all safety precautions have been read and understood.

IF ON SKIN: Wash with plenty of water/

Wear protective gloves/protective clothing/eye protection/face protection.

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

Take off immediately all contaminated clothing and wash it before reuse.

Other Hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Silane, triethoxyoctyl-	2943-75-1	<63		
Trade secret		<13		

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SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. Apply artificial respiration if breathing has stopped seek medical attention.

Skin Contact

Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Rinse skin with water or shower. Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. If skin irritation occurs, get medical advice or attention. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Immediately call a Poison Centre or doctor.

Ingestion

Never give anything by mouth to unconscious person do NOT induce vomiting unless medically advised immediately call a Poison Centre or doctor. Avoid mouth-to-mouth contact by using a barrier device. If breathing has stopped, trained personnel should immediately begin rescue breathing. May cause chemical pneumonitis (damage to lungs) which may be fatal.

Most Important Symptoms and Effects, Acute and Delayed

Can cause severe lung injury. May cause skin and eye irritation. May cause respiratory irritation.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder or appropriate foam. Do not use high volume water jet Use water to keep non-leaking, fire-exposed containers cool.

Unsuitable Extinguishing Media

DO NOT USE: High pressure water jet.

Specific Hazards Arising from the Product

Closed containers may rupture violently when heated releasing contents.
May include but not limited to Carbon oxides.

Special Protective Equipment and Precautions for Fire-fighters

Self contained NIOSH approved breathing apparatus should be available for fire fighters.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Avoid generating dust.

Environmental Precautions

Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up. Absorb spill with inert material, then place in a chemical waste container.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Use adequate ventilation and employ respiratory protection where dust or fumes may be generated avoid breathing in

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this product. Only use where there is adequate ventilation. Immediately report leaks, spills or failures of the safety equipment (e.g. ventilation system). Keep containers tightly closed when not in use or empty.

Conditions for Safe Storage

Store in an area that is: cool, well-ventilated.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Engineering Controls

Use local exhaust ventilation and enclosure, if necessary, to control amount in the air. Provide eyewash and safety shower if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots. Wear suitable waterproof gloves.

Respiratory Protection

Wear a NIOSH approved air-purifying respirator with an appropriate cartridge.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	White. Particle Size: Not available
Odour	Odourless
pH	> 7
Initial Boiling Point/Range	100 °C (212 °F)
Flash Point	95 °C (203 °F) (closed cup)
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	Not available
Solubility	Dispersible in water
Auto-ignition Temperature	Not available
Other Information	
Physical State	Liquid
Surface Tension	Not available
Critical Temperature	Not available
Vapour Pressure at 50 deg C	Not available
Saturated Vapour Concentration	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

None known.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

Acidic conditions (low pH), alkaline conditions (high pH).

Conditions to Avoid

None known.

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Incompatible Materials

Alkalies strong acids (e.g. hydrochloric acid), strong bases (e.g. sodium hydroxide), strong oxidizing agents (e.g. perchloric acid).

Hazardous Decomposition Products

Ethanol in case of hydrolysis, silicone polymers.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

LC50 Rat: 22 ppm/4H/vapour

Method: OECD Test Guideline 403

Assessment : The substance or mixture has no acute inhalation toxicity maximum concentration in test : No animals died.

LD50 Rat > 5110 mg/kg

Method OECD Test Guideline 401

Skin Corrosion/Irritation

There is limited evidence of mild irritation.

Acute Dermal Toxicity: LD50 Rabbit: 6730 mg/kg

Method OECD Test Guideline 402

SKIN IRRITATION : Rabbit

Method OECD Test Guideline 404

Serious Eye Damage/Irritation

Not an eye irritant.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

No information was located.

Skin Absorption

No information was located.

Ingestion

No information was located.

Respiratory and/or Skin Sensitization

No information was located.

Carcinogenicity

Not a carcinogen.

Key to Abbreviations

ACGIH® = American Conference of Governmental Industrial Hygienists. IARC = International Agency for Research on Cancer. Group 4 = Probably not carcinogenic to humans. NTP = National Toxicology Program.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

May cause long term adverse effects in aquatic environment.

SECTION 13. DISPOSAL CONSIDERATIONS

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Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. Empty containers retain product residue. Follow label warnings even if container appears to be empty.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

SECTION 16. OTHER INFORMATION

NFPA Rating Health - 2 Flammability - 1 Instability - 0

SDS Prepared By SOLHYDROC

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Key to Abbreviations ACGIH® = American Conference of Governmental Industrial Hygienists
NIOSH = National Institute for Occupational Safety and Health
OSHA = US Occupational Safety and Health Administration
NTP = National Toxicology Program
AIHA® = AIHA® Guideline Foundation IARC = International Agency for Research on Cancer

References NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS).

Disclaimer We declare the information contained herein are correct. However, we decline all responsibility as to the exactness and the usage of the later.

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