



Seal-A-Pore WB

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision Date: N/A

Date of Issue: 04/28/2016

Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture
Product Name: Seal-A-Pore WB
Product Code: 1715

Intended Use of the Product

Water-based, silane and siloxane emulsion to serve as a high quality, general-purpose water repellent for hydrophobic impregnating and priming mineral surfaces. For professional use only.

Name, Address, and Telephone of the Responsible Party

Manufacturer

The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-800-762-8225
F-216-641-0633
www.garlandco.com

Supplier

The Garland Company, Inc.
3800 East 91st Street
Cleveland, Ohio 44105-2197
T-800-762-8225
F-216-641-0633

The Garland Company, Inc.
209 Carrier Drive
Toronto, Ontario M9W 5Y8
T-416-747-7995 800-387-5991
F-416-747-1980

Emergency Telephone Number

Emergency Number: 1-800-262-8200 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Flam. Liq. 1 H226
Aquatic Acute 2 H401
Aquatic Chronic 3 H412

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Warning

Hazard Statements (GHS-US)

: H226 - Flammable liquid and vapor
H401 - Toxic to aquatic life
H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements (GHS-US)

: P210 - Keep away from heat, open flames, sparks. - No smoking
P273 - Avoid release to the environment.
P280 - Wear eye protection, protective gloves, protective clothing
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
P403+P235 - Store in a well-ventilated place. Keep cool.
P501 - Dispose of contents/container according to local, regional, national, and international regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not available

Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
3-Aminopropyltriethoxysilane	(CAS No) 919-30-2	1-5	Flam. Liq. 4, H227 Aquatic Acute 2, H401 Aquatic Chronic 3, H412

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Water	(CAS No) 7732-18-5	95-100	
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Full text of H-Phrases: See Section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

First-aid Measures General: Get medical attention if irritation occurs or if breathing becomes difficult.

First-aid Measures After Inhalation: If inhaled, remove to fresh air.

First-aid Measures After Skin Contact: For skin contact, immediately wipe away excess material. Wash with soap and water.

First-aid Measures After Eye Contact: If contact with eyes, immediately hold eyelids apart and flush with plenty of water for at least 15 min.

First-aid Measures After Ingestion: If swallowed, rinse mouth with water. Induce drinking plenty of water in small portions.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing measures appropriate to the source of fire. water-mist , carbon dioxide, dry chemical or foam-type extinguishing media.

Unsuitable Extinguishing Media: Sharp water jet.

Special Hazards Arising From the Substance or Mixture

Hazardous combustion products: silicon dioxide, formaldehyde, carbon dioxide, carbon monoxide and incompletely burnt hydrocarbons.

Advice for Firefighters

Protection During Firefighting: Fire fighters should wear full protective clothing including a self-contained breathing apparatus. Cool endangered containers with water.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Evacuate personnel to safe areas. Use personal protective equipment.

Environmental Precautions

Prevent further leakage or spillage if safe to do so.

Methods and Material for Containment and Cleaning Up

Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground. Do not flush away with water. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Exhaust vapors.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Precautions for Safe Handling: Avoid contact with eyes, skin and clothing. Avoid formation of aerosols. In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection). Ensure adequate ventilation. Keep away from incompatible substances in accordance with section 10. Spilled substance increases risk of slipping.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Observe local/state/federal regulations.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment: Respiratory protection is not normally required.



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Hand Protection: Impervious gloves.

Eye Protection: Safety glasses with side-shields.

Other Information: When using, do not eat, drink, or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Milky white
Odor	: Slight
Odor Threshold	: Not available
pH	: Not available
Relative Evaporation Rate (butyl acetate = 1)	: Not available
Melting Point	: -1 °C (30 °F)
Freezing Point	: Not available
Boiling Point	: 100 °C (212 °F)
Flash Point	: 70 °C (158 °F)
Auto-ignition Temperature	: 395 °C (743 °F)
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: 23 hPa at 20 °C (68 °F)
Relative Vapor Density at 68°F (20°C)	: 1 @ Air = 1
Relative Density	: Not available
Specific Gravity	: <1.2 @ 770°F (250°C)
Solubility	: completely miscible
Partition coefficient: n-octanol/water	: Not available
Viscosity	: 12 mPa.s at 25 °C (77 °F)
Explosion Data – Sensitivity to Mechanical Impact	: Not available
Explosion Data – Sensitivity to Static Discharge	: Not available
Volatile Organic Compounds	: 0 g/L

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur

Conditions to Avoid: Heat, open flames, and other sources of ignition.

Incompatible Materials: Reacts with: basic substances and acids. Reaction causes the formation of: methanol and ethanol.

Hazardous Decomposition Products: By hydrolysis: methanol and ethanol. The following applies for the silicone content of the substance: Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

SECTION 11: TOXICOLOGICAL INFORMATION

Information On Toxicological Effects - Product

Acute Toxicity (Estimate): ATEmix (oral): > 2000 mg/kg

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: For this endpoint no toxicological test data is available for the whole product.

Serious Eye Damage: For this endpoint no toxicological test data is available for the whole product.

Respiratory or Skin Sensitization: For this endpoint no toxicological test data is available for the whole product.

Germ Cell Mutagenicity: For this endpoint no toxicological test data is available for the whole product.

Teratogenicity: For this endpoint no toxicological test data is available for the whole product.

Carcinogenicity: For this endpoint no toxicological test data is available for the whole product.

Specific Target Organ Toxicity (Repeated Exposure): For this endpoint no toxicological test data is available for the whole product.

Reproductive Toxicity: For this endpoint no toxicological test data is available for the whole product.

Aspiration Hazard: For this endpoint no toxicological test data is available for the whole product.

Specific Target Organ Toxicity (Single Exposure): Not classified

Symptoms/Injuries After Inhalation: No information available.

Symptoms/Injuries After Skin Contact: May cause skin irritation.

Symptoms/Injuries After Eye Contact: May cause eye irritation.

Symptoms/Injuries After Ingestion: May be harmful if swallowed.

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Chronic Symptoms: Not available

Information on Toxicological Effects – Ingredient(s)

LD50 and LC50 Data

3-Aminopropyltriethoxysilane (919-30-2)

LD50 Oral Rat	2000 mg/kg
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Water (7732-18-5)

LD50 Oral Rat	90 mg/kg
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SECTION 12: ECOLOGICAL INFORMATION

Toxicity

According to current knowledge adverse effects on water purification plants are not expected.

Persistence/Degradability: Contact with water liberates ethanol and silanol- and/or siloxanol-compounds. Silicone content: biologically not degradable. Elimination by adsorption to activated sludge. The hydrolysis product (Ethanol) is readily biologically degradable.

Bioaccumulation/ Accumulation: Not available

Mobility in Environmental Media: Silicone content: Absorbed by floating particles. Separation by sedimentation

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

Contaminated Packaging: Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

USEPA Waste Number: Not available.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT

Not regulated

In Accordance with IMDG

Not regulated

In Accordance with IATA

Not regulated

In Accordance with TDG

Not regulated

In Accordance with ICAO

Not regulated

In Accordance with MEX

Not regulated

SECTION 15: REGULATORY INFORMATION

U.S. Federal regulations

TSCA inventory status and TSCA information:

This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory.

TSCA 12(b) Export Notification:

This material does not contain any TSCA 12(b) regulated chemicals.

CERCLA Regulated Chemicals:

This material does not contain any CERCLA regulated chemicals.

SARA 302 EHS Chemicals:

This material does not contain any SARA extremely hazardous substances.

SARA 311/312 Hazard Class:

Fire hazard.

SARA 313 Chemicals:

This material does not contain any SARA 313 chemicals above de minimus levels

HAPS (Hazardous Air Pollutants):

CAS No.	Chemical	Upper limit wt. %
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67-56-1

Methanol

<=0.0029

U.S. State regulations

California Proposition 65 Carcinogens:

California Proposition 65 Reproductive Toxins:

67-56-1 Methanol

Massachusetts Substance List:

This material contains no listed components.

New Jersey Right-to-Know Hazardous Substance List:

This material contains no listed components.

Pennsylvania Right-to-Know Hazardous Substance List:

This material contains no listed components.

Canadian regulations

This product has been classified in accordance with the Hazard criteria of the CPR and the SDS contains all the information required by the CPR.

WHMIS Hazard Classes:

B3

DSL Status:

This product contains one or more substance(s) that are subject to annual import quantity limit restrictions.

Non-DSL Chemicals:

This material does not contain any non-DSL chemicals.

Details of international registration status

Relevant information about individual substance inventories, where available, is given below.

South Korea (Republic of Korea) :**ECL (Existing Chemicals List):**

This product is listed in, or complies with, the substance inventory.

Japan :**ENCS (Handbook of Existing and New Chemical Substances):**

This product is listed in, or complies with, the substance inventory.

Australia :**AICS (Australian Inventory of Chemical Substances):**

This product is listed in, or complies with, the substance inventory.

People's Republic of China :**IECSC (Inventory of Existing Chemical Substances in China):**

This product is listed in, or complies with, the substance inventory.

Canada :**DSL (Domestic Substance List):**

This product is listed in, or complies with, the substance inventory.

Philippines :**PICCS (Philippine Inventory of Chemicals and Chemical Substances):**

This product is listed in, or complies with, the substance inventory.

United States of America (USA) :**TSCA (Toxic Substance Control Act Chemical Substance Inventory):**

This product is listed in, or complies with, the substance inventory.

European Economic Area (EEA) :**REACH (Regulation (EC) No 1907/2006):**

General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 04/28/2016

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

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This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.

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