

SilaneSeal WB 40 (333)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision Date: 3/26/2019 Supersedes: 12/8/2016

Version: 1.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product Identifier

Product Form: Mixture

Product Name: SilaneSeal WB 40 (333)

1.2. Intended Use of the Product

Use of the substance/mixture: Waterproofing agent

1.3. Name, Address, and Telephone of the Responsible Party

Company

Kaufman Products, Inc.
3811 Curtis Avenue
Baltimore, MD 21226-1131
410-354-8600

<http://www.kaufmanproducts.net/>

1.4. Emergency Telephone Number

Emergency Number : 800-424-9300

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC – Day or Night

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Skin Irritation H315

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)

:



Signal Word (GHS-US)

: Warning

Hazard Statements (GHS-US)

: H315 - Causes skin irritation

Precautionary Statements (GHS-US)

: P264 - Wash skin thoroughly after handling.
P280 - Wear protective gloves/ eye protection/ face protection.
P302 + P352 - IF ON SKIN: Wash with plenty of water/ soap.
P332 + P313 - If skin irritation occurs: Get medical advice/ attention.
P362 - Take off contaminated clothing and wash before reuse.

2.3. Other Hazards

No additional information available

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SilaneSeal WB 40 (333)

Safety Data Sheet

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

Full text of H-phrases: see section 16

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Triethoxyoctylsilane	(CAS No) 2943-75-1	20-60	Skin irritation Category 2
NJTSR No.56705700001-6834P	Trade Secret	7-13	Not a hazardous substance or mixture.

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.

First-aid Measures After Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If unconscious, evaluate the need for artificial respiration. Get immediate medical attention.

First-aid Measures After Skin Contact: Remove contaminated clothing/shoes. Flush skin with water. Follow by washing with soap and water. If symptoms develop or persist, obtain medical attention. Wash clothing before reuse.

First-aid Measures After Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes or until all material has been removed. Obtain medical attention.

First-aid Measures After Ingestion: Aspiration of material into the lungs may cause chemical pneumonitis (damage to lungs) which may be fatal. If swallowed, get medical attention immediately. Only induce vomiting if directed by a physician. Never give anything by mouth to an unconscious person.

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

Symptoms/Injuries: None Known

Symptoms/Injuries After Inhalation: None Known

Symptoms/Injuries After Skin Contact: None Known

Symptoms/Injuries After Eye Contact: None Known

Symptoms/Injuries After Ingestion: None Known

Chronic Symptoms: None Known

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Use water spray or fog, foam, dry chemical or CO2

Unsuitable Extinguishing Media: High volume water jet.

5.2. Special Hazards Arising from the Substance or Mixture

5.3. Advice for Firefighters

Firefighting Instructions: Containers can build up pressure if exposed to heat (fire). Cool with water spray

Protection During Firefighting: As in any fire, wear self-contained positive-pressure breathing apparatus, (MSHA / NIOSH approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective equipment; See Section 8.

SilaneSeal WB 40 (333)

Safety Data Sheet

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

6.2. Environmental Precautions

Obey relevant local, state, provincial and federal laws and regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil.

6.3. Methods and Material for Containment and Cleaning Up

For Containment & Method for Cleaning Up: Absorb spill with inert material, then place in a chemical waste container.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Use only in well-ventilated areas. Wear personal protective equipment; see section 8.

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. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Keep tightly closed in a dry and cool place. Normal measures for preventive fire protection.

Storage Area: Keep tightly closed in a dry and cool place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters:

8. Exposure controls/personal protection

8.1. Control parameters

• Ethanol; ethyl alcohol		
CAS-No.	64-17-5	
Control parameters	1000 ppm 1900 mg/m ³	Permissible exposure limit:(OSHA Z1)
Control parameters	1000 ppm 1900 mg/m ³	Time Weighted Average (TWA) Permissible Exposure Limit (PEL):(US CA OEL)
Control parameters	1000 ppm	Short Term Exposure Limit (STEL):(ACGIH)
Control parameters	1000 ppm 1900 mg/m ³	Time Weighted Average (TWA):(TN OEL)

8.2. Exposure Controls

Appropriate Engineering Controls

: Ensure all national/local regulations are observed.

Personal Protective Equipment

: Gloves. Protective clothing. In case of splash hazard: safety glasses.



Materials for Protective Clothing

: Chemically resistant materials and fabrics.

Hand Protection

: Use impermeable gloves

Eye Protection

: Use chemical splash goggles or face shield.

Skin and Body Protection

: A safety shower and eye wash fountain should be readily available. To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product.

SilaneSeal WB 40 (333)

Safety Data Sheet

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

Respiratory Protection : A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: White
Odor	: Odorless
Odor Threshold	: No data available
pH	: 7 (1 % solution)
Relative Evaporation Rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: Slower than ether
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: 100 °C
Flash Point	: 95 °C
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20 °C	: Heavier than air
Relative Density	: No data available
Specific Gravity	: No data available
Solubility	: miscible with water
Log Pow	: No data available
Log Kow	: No data available
Viscosity, Kinematic	: No data available
Viscosity, Dynamic	: No data available
Explosive Properties	: No data available
Oxidizing Properties	: No data available
Explosive Limits	: Not applicable

9.2. Other Information

VOC content : 260 g/l max.

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity:** No dangerous reaction known under conditions of normal use.
- 10.2 Chemical Stability:** Stable under recommended storage conditions.
- 10.3 Possibility of Hazardous Reactions:** No dangerous reactions known.
- 10.4 Conditions to Avoid:** No specific hazards are known.
- 10.5 Incompatible Materials:** Alkaline, strong bases, strong oxidants, strong acids
- 10.6 Hazardous Decomposition Products:** Ethanol in case of hydrolysis

SilaneSeal WB 40 (333)

Safety Data Sheet

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Acute Toxicity: Not classified

Triethoxyoctylsilane (2943-75-1)	
LD50 Oral Rat	5110 mg/kg
LC0 Rat	22 ppm / 4 h / vapor
LD50 Dermal Rat	6730 mg/kg

Skin Corrosion/Irritation: Rabbit; Skin Irritation; Method OECD Test Guideline 404

Serious Eye Damage/Irritation: Rabbit; No Eye Irritation; OECD Test Guideline 405

Sensitization: Maximization test Guinea Pig. Does not cause skin irritation; Method OECD Test Guideline 406; Test Substance-Structurally Similar Substance.

Repeated Dose Toxicity: Oral Rat / 28-day NOAEL: 300 mg/kg Method: OECD TG 422

Assessment of STOT Single Exposure: Assessment: The substance or mixture is not classified as specific target organ toxicant, single exposure.

Assessment of STOT Repeat Exposure: Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Risk of Aspirational Toxicity: No evidence of aspiration toxicity.

Gentotoxicity in Vitro: Ames test Salmonella typhimurium negative Method: OECD TG 471; chromosomal aberration Chinese hamster (CHO K1 -cells) negative Method: OECD TG 473; Genetic mutation in mammal cells TK +/- mouse lymphoma cell (L5178Y) negative Method: OECD TG 476

Carcinogenicity: No data available

Toxicity to Reproduction: Screening for reproductive/developmental toxicity

Oral Rat: Number of exposures: daily; NOAEL (No Observed Adverse Effect Level) of parents: 300 mg/kg Method: OECD TG 422;

Screening for reproductive/developmental toxicity Oral Rat: Number of exposures: daily NOAEL F1: 300 mg/kg Method: OECD TG 422

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : No ecotoxicological studies are available on the mixture

12.2. Persistence and Degradability

SilaneSeal WB 40 (333)	
Persistence and Degradability	No data available

12.3. Bioaccumulative Potential

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Bioaccumulative Potential	Not data available

12.4. Mobility in Soil : No data available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Waste must be disposed of in accordance with local, state, provincial and federal laws and regulations. Empty containers must be handled with care due to product residue. Packaging material should be recycled or disposed of in accordance with federal, state and local regulations.

SilaneSeal WB 40 (333)

Safety Data Sheet

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

Ecology – Waste Materials: Not established.

SECTION 14: TRANSPORT INFORMATION

Not dangerous according to transport regulations.

- 14.1. UN number: --
- 14.2. UN proper shipping name: --
- 14.3. Transport hazard class(es): --
- 14.4. Packing group: --
- 14.5. Environmental hazards (Marine pollutant): --
- 14.6. Special precautions for user: Yes. Not dangerous according to transport regulations.

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

OSHA

If listed below, chemical specific standards apply to the product or components:

None listed

Clean Air Act Section (112)

If listed below, components present at or above the de minimus level are hazardous air pollutants:

None listed

CERCLA Reportable Quantities

If listed below, a reportable quantity (RQ) applies to the product based on the percent of the named component:

None listed

SARA Title III Section 311/312 Hazard Categories

The product meets the criteria only for the listed hazard classes:

Acute Health Hazard

SARA Title III Section 313 Reportable Substance s

If listed below, components are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

None listed

Toxic Substances Control Act (TSCA)

If listed below, non-proprietary substances are subject to export notification under Section 12 (b) of TSCA:

None listed

15.2 US State Regulations

The Listing requirements of the Right to Know (RTK) legislation varies by state. All information for NJ, PA, MA and other states can be derived from the listing of hazardous and non-hazardous components in section 2 and 15 of this MSDS.

California Proposition 65

A warning under the California Drinking Water Act is required only if listed below:

None listed

An employer using HMIS/NFPA labeling must through training ensure that its employees are fully aware of the hazards of the chemicals used.

K A U F M A N

PRODUCT
INFORMATION

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PRODUCTS
INC.

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AVENUE

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HMIS Ratings:

Health:	2
Flammability:	1
Physical Hazard:	0

NFPA Ratings:

Health:	2
Flammability:	1
Reactivity:	0

SECTION 16: OTHER INFORMATION

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

LIMITED WARRANTY

We warrant our products to be of good quality and will replace material proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement, Kaufman Products, Inc makes no warranty or guarantee, expressed or implied, including warranties of fitness or merchantability, respecting its products, and Kaufman Products, Inc shall have no other liability with respect hereto. User shall determine the suitability of the product or the intended use and assume all risks and liability in connection thereto. Our salespeople, distributors, and their salespeople have no authority to change the printed recommendations concerning the use of our products.

DISCLAIMER

The information provided in this Safety Data Sheet is believed to be accurate to the best of our knowledge, information, and belief at the date of its publication. The information given is designed solely as a guide for the safe handling, use, processing, storage, transportation, disposal, and release by a person trained in chemical handling. This is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified on either the latest version of our Product Data Sheet or Safety Data Sheet. Users and handlers of this product should make their own investigations to determine the suitability of the information provided herein for their own purposes.