

Foundation Sealer/Finish For Hard Surface Floors

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 4/15/2015 Revision date: 9/26/2025 Supersedes: 4/15/2015

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : Foundation Sealer/Finish For Hard Surface Floors
Product code : 155-9236

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Floor seal products

1.4. Supplier's details

American Cleaning Solutions
39-30 Review Avenue
Long Island City, NY, 11101
T (718) 392-8080

1.5. Emergency phone number

Emergency number : INFOTRAC: 800-535-5053

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. Label elements

GHS US labeling

No labeling applicable

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

Foundation Sealer/Finish For Hard Surface Floors

Safety Data Sheet

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

3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|-------------------------------------|---------------------|---------------------|-----------------------|
| Water | CAS-No.: 7732-18-5 | 76.29482 – 77.59415 | Not classified |
| Acrylic Polymer Emulsion | CAS-No.: Not Listed | 12.0505 – 13.0834 | Not classified |
| Dipropylene Glycol Monomethyl Ether | CAS-No.: 34590-94-8 | < 2.2232 | Flam. Liq. 4, H227 |
| Diethylene Glycol Monoethyl Ether | CAS-No.: 111-90-0 | 1 – 5 | Eye Irrit. 2A, H319 |

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary 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).

First-aid measures after inhalation : Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Rinse with water. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms/effects, acute and delayed

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

No additional information available

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Foundation Sealer/Finish For Hard Surface Floors

Safety Data Sheet

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

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

See Heading 8. Exposure controls and personal protection.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from heat, hot surfaces, sparks, open flame and other ignition sources. No smoking. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Dipropylene Glycol Monomethyl Ether (34590-94-8)

USA - ACGIH - Occupational Exposure Limits

| | |
|----------------|---------|
| ACGIH OEL TWA | 100 ppm |
| ACGIH OEL STEL | 150 ppm |

8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

No special requirements.

Foundation Sealer/Finish For Hard Surface Floors

Safety Data Sheet

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

Hand protection:

Wear chemically resistant protective gloves.

Eye protection:

Wear safety glasses with side shields.

Respiratory protection:

No respiratory protection needed under normal use conditions

Other information:

Do not eat, drink or smoke during use.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

| | |
|---|-------------------------|
| Physical state | : Liquid |
| Color | : milky |
| Odor | : Faint odor of ammonia |
| Odor threshold | : No data available |
| pH | : 8 – 8.5 |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : 212 – 220 °F |
| Flash point | : No data available |
| Flammability (solid, gas) | : Non flammable. |
| Vapor pressure | : No data available |
| Relative vapor density at 20 °C | : Same as water |
| Relative density | : 1.03 |
| Solubility | : Soluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Explosion limits | : No data available |
| Particle characteristics | : No data available |

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions. Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

Foundation Sealer/Finish For Hard Surface Floors

Safety Data Sheet

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

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

SECTION 11 Toxicological information

11.1. Likely routes of exposure

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Diethylene Glycol Monoethyl Ether (111-90-0)

| | |
|--------------------|---|
| LD50 oral | 6031 mg/kg body weight (Equivalent or similar to OECD 401, Mouse, Male, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rabbit | 9143 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s)) |
| ATE US (dermal) | 9143 mg/kg body weight |

Dipropylene Glycol Monomethyl Ether (34590-94-8)

| | |
|--------------------|---|
| LD50 oral rat | > 5000 mg/kg (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rabbit | 9510 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s)) |
| ATE US (dermal) | 9510 mg/kg body weight |

Acrylic Polymer Emulsion (Not Listed)

| | |
|--------------------|--------------|
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rabbit | > 5000 mg/kg |

Skin corrosion/irritation : Not classified
pH: 8 – 8.5

Dipropylene Glycol Monomethyl Ether (34590-94-8)

| | |
|----|------------------|
| pH | 7 (100 %, 25 °C) |
|----|------------------|

Acrylic Polymer Emulsion (Not Listed)

| | |
|----|-------|
| pH | 8 – 9 |
|----|-------|

Serious eye damage/irritation : Not classified
pH: 8 – 8.5

Dipropylene Glycol Monomethyl Ether (34590-94-8)

| | |
|----|------------------|
| pH | 7 (100 %, 25 °C) |
|----|------------------|

Acrylic Polymer Emulsion (Not Listed)

| | |
|----|-------|
| pH | 8 – 9 |
|----|-------|

Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified

Foundation Sealer/Finish For Hard Surface Floors

Safety Data Sheet

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

| | |
|------------------------|------------------|
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |

Diethylene Glycol Monoethyl Ether (111-90-0)

| | |
|----------------------|--------------------------|
| Viscosity, kinematic | 3.858 mm ² /s |
|----------------------|--------------------------|

Dipropylene Glycol Monomethyl Ether (34590-94-8)

| | |
|----------------------|---|
| Viscosity, kinematic | 4.55 mm ² /s (20 °C, OECD 114: Viscosity of Liquids) |
|----------------------|---|

Acrylic Polymer Emulsion (Not Listed)

| | |
|----------------------|---------------------------|
| Viscosity, kinematic | 93.458 mm ² /s |
|----------------------|---------------------------|

| | |
|---|--|
| Potential Adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |
| Symptoms/effects | : Not expected to present a significant hazard under anticipated conditions of normal use. |

SECTION 12 Ecological information

12.1. Ecotoxicity

| | |
|--|------------------|
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
|--|------------------|

| | |
|---|------------------|
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |
|---|------------------|

Diethylene Glycol Monoethyl Ether (111-90-0)

| | |
|-----------------|--|
| LC50 - Fish [1] | 6010 mg/l (Equivalent or similar to OECD 203, 96 h, Ictalurus punctatus, Flow-through system, Fresh water, Experimental value, Lethal) |
| ErC50 algae | 14861 mg/l (Equivalent or similar to OECD 201, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration) |

Dipropylene Glycol Monomethyl Ether (34590-94-8)

| | |
|-----------------|---|
| LC50 - Fish [1] | 10000 mg/l (96 h; Pimephales promelas; GLP) |
| LC50 - Fish [2] | 150 mg/l (72 h; Pisces) |
| ErC50 algae | > 969 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP) |

Acrylic Polymer Emulsion (Not Listed)

| | |
|-----------------|-----------|
| LC50 - Fish [1] | < 100 ppm |
|-----------------|-----------|

12.2. Persistence and degradability

Foundation Sealer/Finish For Hard Surface Floors

| | |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

Water (7732-18-5)

| | |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

Diethylene Glycol Monoethyl Ether (111-90-0)

| | |
|---------------------------------|------------------------------------|
| Persistence and degradability | Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 0.2 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 1.85 g O ₂ /g substance |

Foundation Sealer/Finish For Hard Surface Floors

Safety Data Sheet

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

| Diethylene Glycol Monoethyl Ether (111-90-0) | |
|--|---|
| ThOD | 1.9078849 g O ₂ /g substance |
| BOD (% of ThOD) | 0.11 (Calculated value) |
| Dipropylene Glycol Monomethyl Ether (34590-94-8) | |
| Persistence and degradability | Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 0 g O ₂ /g substance |
| ThOD | 2.06 g O ₂ /g substance |
| Acrylic Polymer Emulsion (Not Listed) | |
| Persistence and degradability | Rapidly degradable |

12.3. Bioaccumulative potential

| Foundation Sealer/Finish For Hard Surface Floors | |
|--|--|
| Bioaccumulative potential | Not established. |
| Diethylene Glycol Monoethyl Ether (111-90-0) | |
| Partition coefficient n-octanol/water (Log Pow) | -0.54 (Literature, 20 °C) |
| Bioaccumulative potential | Not bioaccumulative. |
| Dipropylene Glycol Monomethyl Ether (34590-94-8) | |
| Partition coefficient n-octanol/water (Log Pow) | 0.004 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

12.4. Mobility in soil

| Diethylene Glycol Monoethyl Ether (111-90-0) | |
|--|--|
| Surface tension | 52 mN/m (25 °C) |
| Ecology - soil | Highly mobile in soil. |
| Dipropylene Glycol Monomethyl Ether (34590-94-8) | |
| Surface tension | 68.7 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 1 (log Koc, SRC PCKOCWIN v2.0, Calculated value) |
| Ecology - soil | Highly mobile in soil. |

12.5. Other adverse effects

| | |
|------------------------------|-------------------------------------|
| Ozone | : Not classified |
| Fluorinated greenhouse gases | : No |
| Other information | : Avoid release to the environment. |

SECTION 13 Disposal considerations

| | |
|--|---|
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. |
| Ecological information | : Avoid release to the environment. |

Foundation Sealer/Finish For Hard Surface Floors

Safety Data Sheet

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

SECTION 14 Transport information

14.1. UN number

Not regulated for transport

14.2. UN Proper Shipping Name

| | | |
|-----------------------------|---|---------------|
| Proper Shipping Name (DOT) | : | Not regulated |
| Proper Shipping Name (TDG) | : | Not regulated |
| Proper Shipping Name (IMDG) | : | Not regulated |
| Proper Shipping Name (IATA) | : | Not regulated |

14.3. Transport hazard class(es)

DOT

| | | |
|----------------------------------|---|---------------|
| Transport hazard class(es) (DOT) | : | Not regulated |
|----------------------------------|---|---------------|

TDG

| | | |
|----------------------------------|---|---------------|
| Transport hazard class(es) (TDG) | : | Not regulated |
|----------------------------------|---|---------------|

IMDG

| | | |
|-----------------------------------|---|---------------|
| Transport hazard class(es) (IMDG) | : | Not regulated |
|-----------------------------------|---|---------------|

IATA

| | | |
|-----------------------------------|---|---------------|
| Transport hazard class(es) (IATA) | : | Not regulated |
|-----------------------------------|---|---------------|

14.4. Packing group

| | | |
|----------------------|---|---------------|
| Packing group (DOT) | : | Not regulated |
| Packing group (TDG) | : | Not regulated |
| Packing group (IMDG) | : | Not regulated |
| Packing group (IATA) | : | Not regulated |

14.5. Environmental hazards

| | | |
|-------------------|---|---|
| Other information | : | No supplementary information available. |
|-------------------|---|---|

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

Not regulated

TDG

Not regulated

IMDG

Not regulated

IATA

Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Foundation Sealer/Finish For Hard Surface Floors

Safety Data Sheet

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

| Name | CAS-No. | Listing | Commercial status | Flags |
|-------------------------------------|------------|-------------|-------------------|-------|
| Water | 7732-18-5 | Present | Active | |
| Diethylene Glycol Monoethyl Ether | 111-90-0 | Present | Active | |
| Dipropylene Glycol Monomethyl Ether | 34590-94-8 | Present | Active | |
| Acrylic Polymer Emulsion | Not Listed | Not present | - | |

15.2. International regulations

CANADA

Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. State regulations

No additional information available

SECTION 16 Other information

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

Revision date : 9/26/2025
Issue date : 4/15/2015
Other information : None.

Full text of hazard classes and H-statements

| | |
|------|-------------------------------|
| H227 | Combustible liquid |
| H319 | Causes serious eye irritation |

Hazard Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability : 0 Minimal Hazard - Materials that will not burn
Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
Personal protection : B - Safety glasses, Gloves

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.