

NeverStrip™
FLOOR COATINGS

NeverStrip Liquid Grip Step 1™



Section [1] Product and Company Identification

Product Name: NeverStrip Liquid Grip Step 1
Manufactured for: NeverStrip, LLC, 9600 Ogden Avenue, La Grange, IL 60525
Information: (800)-854-5414
Emergency: (800)-424-9300
E-mail: Info@NeverStrip.com
Date Prepared: 03/01/13
Prepared by: NeverStrip Floor Coatings

Section [2] Ingredients and Hazards Identification

Hazardous Components

Component	CAS#	EINECS#	OSHA PEL	ACGIH TLV	Water%
Water	7732-18-5	231-791-2	NA	NA	45-80
Proprietary A	NA	NA	NA	NA	25-35
Proprietary B	NA	NA	NA	NA	15-25
Proprietary C	NA	NA	NA	NA	1-8
Proprietary D	NA	NA	NA	NA	1-8

None of the compounds contain carcinogens, Prop. 65, SARA 313 listings and are non-hazardous and nonflammable.

Potential Acute Health Effects:

Eyes: Causes eye irritation
Skin: Causes irritation to the skin
Inhalation: Vapors may cause respiratory irritation
Ingestion: May be harmful.

Section [3] Hazard Identification

The primary routes of entry are eyes, skin and respiratory.

Immediate Health Effects:

Eye Contact: Causes irritation.
Skin: Contact with the skin is expected to cause irritation.
Ingestion: May cause headache, dizziness, nausea and vomiting.
Inhalation: The vapor or fumes from this product may cause respiratory irritation.
Delayed or other Health Effects: None determined.
Target Organs: None determined.

Section [4] First Aid Measures

Eye Contact: Flush eyes with water immediately while holding eyelids open. Remove contacts, if worn, after initial flushing and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.
Skin Contact: Use soap and water to remove from the skin, remove contaminated clothing, clean thoroughly before reuse.

Inhalation: Move to fresh air. If not breathing, give rescue breathing.

If breathing is difficult administer oxygen.

Seek medical attention if breathing is still difficult.

Ingestion: If swallowed, get medical attention immediately. **DO NOT INDUCE VOMITING.**

Never give anything by mouth to an unconscious person.

Section [5] Fire Fighting Measures

Flash Point: Not flammable

Flammability Limits: NE

Fire Fighting Media: Dry chemical, carbon dioxide, and water spray.

Special Fire Fighting Procedures: First responders need to wear full-bunker gear with SCBA, never enter a confined space unless fully protected with proper personal protective equipment (PPE).

Section [6] Accidental Release Measures

Clean-up Procedures: Wear proper PPE. Stop the source of the release if you are not put at risk. Use absorbent material to absorb the spill, use plastic shovel to pick up absorbent for disposal.

Spills and Leaks: Dispose in accordance to local, state or federal regulations.

Section [7] Handling and Storage

Handling: Do not get into eyes. Do not taste or swallow. Wash thoroughly after handling.

Storage: Store in original labeled container. Keep in cool dry area.

Section [8] Exposure Control/Personal Protection

Introductory Remarks: Consider the potential hazards of this product outlined in Section [3] Use process exposures such as local exhaust ventilation, to control over exposure to airborne levels above recommended exposure limits.

Personal Protection:

Eyes: Wear safety goggles or safety glasses to prevent eye contact.

Body: Long sleeve shirts, long pants, socks, rubber boots and chemical resistant gloves.

Hands: Chemical resistant gloves.

Respiratory: Wear an approved respirator that provides protection from this product if the airborne concentrations exceed the recommended exposure limits.

Other: None

Section [9] Physical and Chemical Properties

Odor/Color: Odorless, white liquid

Vapor Pressure: > 2.2 torr @ 68°F (20°C)

pH: 11.0

Vapor Density (air=1): > 1.0

VOC: < 50 g/L

Solubility: 95% in water

Evaporation Rate (water=1): > 1.0

Boiling Point: 212 °F (100 °C)

Section [10] Stability and Reactivity

Chemical Stability: Considered stable under normal ambient temperatures.

Hazardous Decomposition: If complete combustion oxides of carbon and silicate are formed.

Hazardous Polymerization: Will not occur

Incompatibility~Materials to Avoid: May react with strong oxidizers and strong acids. Extreme temperatures and freezing must be avoided.

Section [11] Toxicological Information

Acute Eye Irritation: Irritating

Acute Skin Irritation: Chronic exposure may be irritating

Acute Dermal Toxicity: Not expected to be toxic through the skin.

Acute Inhalation Toxicity: Not determined, expected to be an irritant to the respiratory system.

Carcinogenic Effects: None

Existing Medical Conditions Aggravated by Exposure: Exposure to eyes and skin may cause irritation to preexisting conditions.

Section [12] Ecological Information

Ecotoxicity: The toxicity of this product has not been determined.

Environmental Fate: This product should be expected to be readily bio-degradable.

Section [13] Disposal Considerations

Waste Disposal Method: What ever cannot be saved for recovery or recycling should be managed by the local, state or Federal Regulations.

Container Handling and Disposal: All containers should be triple rinsed and disposed of according to local, state and Federal regulations.

Section [14] Transport Information

Ground Classification: Not regulated by US DOT

Shipping Name: None

Technical Shipping Name: None

UNFIC: None

ID Number: None

Packaging Group: None

Labels: No US DOT Labels

Not regulated by IATA or IMO

Section [15] Regulatory Information

EPCRA 311/312 Categories:

Immediate (Acute) Health Effects: Yes

Delayed (Chronic) Health Effects: Yes

Fire Hazard: No

Sudden Release of Pressure: No

Reactivity: No

Right to know classification: None listed in CA, PA, MN, MA, MI, FL and NJ.

TSCA: All of the components listed on or exempt from listing on TSCA inventory.

Reportable Quantity (RQ): None

Prop 65: Not listed

WHMIS: XI (Irritant to the eyes and skin)

All listed or exempt from listing on chemical inventories of ACIS, ECL, EEC, EINCS, EU, Israel, MAC, MAK, MITI, PICCS, SWISS, Taiwan, USA and UK

Abbreviations: AICS Australian Inventory of Chemical Substances

CAS# Chemical Abstract Service Number

°C Celsius temperature scale

°F Fahrenheit temperature scale

ECL Korean Existing Chemicals List

EEC European Economic Commission

ENCS Japanese Existing and New Chemical List

EINECS# European Inventory of Existing Chemical Substances Number

EU European Union

(Israel) 2001 proposed list of chemical substances to be regulated under Israel

Hazardous Substances Law and Regulations List

MAC Netherlands

MAK Germany

MITI Ministry of International trade and Industry

NA Not applicable

PEL Permissible Exposure Limit

PICCS Philippines Inventory of Chemicals and Chemical Substances

PPE Personal Protective Equipment

Prop. Proprietary

NA Not applicable

ND Not determined

STEL Short Term Exposure Limit

SWISS Giftliste 1

SWISS Inventory of Notified New Substances

TLV Threshold Limit Value

TSCA Toxic Substance Control Act

TWA Time Weighted Average

(Taiwan) List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086

USA United States of America

UK United Kingdom

Section [16] Other Information

Hazardous Material Information (HMIS)

Health 1

Fire 0

Reactivity 0

Protection C

National Fire Protection Association (NFPA)

Health 1

Fire 0

Reactivity 0

Protection NA

Health 4 Deadly 3 Extreme Danger 2 Dangerous 1 Slight hazard 0 No hazard

Fire 4 < 73 °C 3 < 100 °C 2 < 200 °C 1 >200 °C 0 Will not burn

Reactivity/Instability 4 – May detonate 3 Explosive 2 Unstable 1 Normally stable 0 Stable

Risk phrases: R36, Irritating to eyes; R37, Irritating to respiratory system; and R38, Irritating to skin.

Safety phrases: S2, Keep out of reach of children; S24, Avoid contact with skin; S25, Avoid contact with eyes; S37, Wear suitable gloves; and S39, Wear eye/face protection.

Section [17] Disclaimer

The information contained herein is based on the data available to us and is believed to be correct. NeverStrip Floor Coatings makes no warranty expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. NeverStrip Floor Coatings assumes no responsibility for injury, loss or damage from the use of the product described.

Section [1] Identification

Product Name: NeverStrip Liquid Grip Step 1

General Use: Anti slip on flooring surfaces.

Manufactured by: NeverStrip, LLC, 9600 Ogden Ave, La Grange, IL 60525

Information: 800-854-5414

E-mail: Info@NeverStrip.com

USA and Canada

Emergency, Chemtrec: 800-424-9300

Prepared Date: 01.10.12

Prepared by: NeverStrip, LLC

Section [2] Hazard(s) Identification

Component	CAS#	OSHA/PEL	ACGIH/TLV	%#
Aluminum Oxide ¹	1344-28-1	15 mg/m ³	10 mg/m ³ TWA respirable fraction	94-99 respirable fraction

Other Oxides total less than 1%

¹Non-fibrous form of aluminum oxide

PEL means OSHA Permissible Exposure Limit

TLV, Threshold Limit Value, American Conference of Governmental Industrial Hygienists (ACGIH).

TWA means 8 hour Time Weighted Average

Section [3] Composition / Information on Ingredients

Boiling Point: N/A **Vapor Density:** N/A **Specific Gravity:** 3.95

Melting Point: 2070°C **Vapor Pressure:** N/A **Evaporation rate:** N/A

Solubility in Water: Insoluble **Solubility in Other Solvent:** N/A

Appearance and Odor: White; granular to powder; odorless

Section [4] Fire-Fighting Measures

Flash Point: None **Autoignition Temperature:** Will not burn

Flammable Limits: LEL: N/A **UEL:** N/A

Extinguishing Media: Will not burn. May be used to extinguish fires.

Special Fire Fighting Procedures: None. Will not burn.

Unusual Fire and Explosion Hazards: None

Section [5] Reactivity Data

Stability: Stable **Conditions to Avoid:** None

Materials to Avoid: None **Hazardous Decomposition Products:** None

Hazardous Polymerization: Will not occur

Section [6] Health Hazard Data

Ingestion: No known adverse effects for normal, incidental ingestion

Eye Contact: May cause abrasion and irritation

Skin Contact: Not absorbed through the skin. May cause abrasions.

Inhalation: May cause coughing or shortness of breath.

Chronically may affect breathing capacity.

Section [7] First Aid Measures

Inhalation: If there is gross inhalation of dust causing coughing and shortness of breath, remove victim to fresh air. If breathing has stopped, perform artificial respiration. Seek medical attention.

Ingestion: If large amounts are swallowed, get medical attention.

Eye Contact: Flush eyes with large amounts of water. If irritation persists, get medical attention.

Skin Contact: Wash with soap and water. Obtain first aid or medical assistance as needed.

Section [8] Storage, Handling, and Use Protection Information

Normal Storage and Handling: Avoid breathing dust. Use adequate ventilation and dust collection. Avoid breakage of bagged material and spills of bulk material. Use good house-keeping to prevent accumulation of dust in work area. Avoid creation of respirable dust. See OSHA Hazard Communication Standard 29 CFR 1910-94 (Ventilation).

Ventilation: Use sufficient local mechanical exhaust as required to maintain level of respirable dust below the Permissible Exposure Limit or Threshold Limit Value. See ACGIH "Industrial Ventilation-A Manual for Recommended Practice" (latest edition).

Respiratory Protection: Use appropriate NIOSH approved respiratory protection for respirable dust if PEL or TLV are exceeded.

See OSHA (29CFR 1910.134) and MSHA (30 CFR Parts 56 and 57) and NIOSH "Respirator Decision Logic".

Eye Protection: Safety glasses with side shields or goggles recommended.

Protective Gloves: Not normally necessary.

Other Protective Equipment/Clothing: As appropriate for the work environment.

Cleanup and Spill Information: Collect using dustless methods (HEPA vacuum or flush with water) to minimize generation of airborne respirable dust.

Waste Disposal Method: If uncontaminated, approved for disposal as an inert, non-metallic mineral in accordance with federal, state, and local regulations. If contaminated, the user must assess the proper disposal for the material appropriate for the contamination.

Section [9] Other Regulatory Information

U.S. Department of Transportation: Aluminum Oxide is NOT a hazardous material for purposes of transportation. US DOT Table of Hazardous Materials, 49CFR 172.101.

Resource Conservation and Recovery Act: Aluminum Oxide is NOT classified as a hazardous material under RCRA or its regulations, 40 CFR 261.

Toxic Substances Control Act: Aluminum Oxide is ON the EPA TSCA Inventory under CAS #1344-28-1.

Comprehensive Environmental Response Compensation and Liability Act: Aluminum Oxide is NOT classified as a hazardous substance under CERCLA regulations, 40 CFR 302.

Superfund Amendments and Reauthorization Act (SARA) Emergency Planning and Community Right to Know Act: Aluminum Oxide is NOT an extremely hazardous substance in Section 302 and is NOT a toxic chemical subject to the requirements of Section 313

Canadian Environmental Protection Act: Aluminum Oxide is ON the Canadian Domestic Substances List (DSL).

National Fire Protection Association (NFPA) Hazard Rating:

Health: 1 Fire: 0 Reactivity: 0

Hazardous Material Information System (HMIS) Hazard Rating:

Health: 1 Flammability: 0 Reactivity: 0 Protection: A

Section [10] Disclaimer

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NAIF - No applicable information found

N/A - Not applicable