

**NeverStrip™**  
FLOOR COATINGS

**NeverStrip**  
**Satin™**  
Parts A+B



**Section [1] Product and Company Identification**

**Product Name:** NeverStrip Satin, Part A  
**Manufacturer:** NeverStrip Floor Coatings, 9600 Ogden Avenue, La Grange, IL 60525  
**Information:** 800.854.5414  
**Emergency:** 800.424.9300  
**E-mail:** Info@NeverStrip.com  
**Date Prepared:** 01/15/16  
**Prepared by:** NeverStrip Floor Coatings

**Section [2] Hazards Identification**

**Emergency Overview:** Translucent liquid with slight ammonia odor, contact with eyes may cause irritation, prolonged contact with skin may be harmful. Ingestion may cause gastric distress.

**Potential Health Effects**

**Eye:** Contact may cause slight temporary irritation. Corneal injury is unlikely.  
**Skin:** Contains a chemical that can be absorbed through the skin. Brief contact may cause slight irritation; prolonged contact may cause harmful effects.  
**Ingestion:** Small amounts ingested are not likely to cause injury. Ingestion of large amounts may cause headache, dizziness, diarrhea and general weakness.  
**Inhalation:** Exposure to vapors not likely. High concentrations may be irritating to the respiratory tract; may cause headache, dizziness, nausea, vomiting and malaise.

**Chronic Effects / Carcinogenicity**

**NTP Listed:** No **IARC Group:** 1 or 2A: No **OSHA Regulated:** No

**HMIS Ratings**

**Health 1                      Flammability 0                      Reactivity 0                      Protection C**

0 = Insignificant Hazard, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, \* = Chronic  
 C = Safety Glasses, Synthetic Gloves, Synthetic Apron

**Global Hazard System**

**Hazard Symbols:** None  
**Key Word:** Irritant

**Section [3] Composition/Information On Ingredients**

<b>Ingredients</b>	<b>CAS#</b>	<b>Wt%</b>
Alkyl glycol ether	Proprietary	1-5
Proprietary polyol resin	Not specified	>1
Additives	Not specified	>1
Water	7732-18-5	>1

**OSHA Regulatory Status:** This product is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### Section [4] First Aid Measures

**Eye:** Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

**Skin:** Remove contaminated clothing; wash affected area for at least 15 minutes with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

**Ingestion:** DO NOT induce vomiting unless directed to do so by medical personnel; never give anything by mouth to an unconscious person; seek medical attention.

**Inhalation:** Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek emergency medical attention.

#### Section [5] Fire Fighting Measures

**Product is not considered flammable or combustible.**

**Extinguishing Media:** Carbon dioxide, water fog, dry chemical, chemical foam

**Media Not to be Used:** None known

**Fire and Explosion Hazards:** None

**Fire Fighting Instructions:** Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released.

**Hazardous Decomposition Products:** Smoke, fumes, oxides of carbon

#### Section [6] Accidental Release Measures

**Steps to be Taken In Case Material is Released or Spilled:** Small spills wash to sanitary sewer with plenty of water. Large spills - confine spill, soak up with approved absorbent, shovel product into approved container for disposal. Wash area with plenty of water. Do not discharge into lakes, ponds, streams or public waters.

#### Section [7] Handling and Storage

**Handling:** Keep away from food and drink. Wash hands before eating.

**Storage:** Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children.

#### Section [8] Exposure Controls / Personal Protection

**Engineering Controls:** The use of local exhaust ventilation is recommended. No other special controls are indicated.

**Respiratory Protection:** None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR1910.134, CSA Z94.4-93, or European Standard EN 149 for complete regulations.

**Skin Protection** Neoprene or rubber gloves with cuffs.

**Eye Protection:** Goggles with side shields; safety eyebath nearby. Refer to 29 CFR 1910.133, CSA Z94.3- M1982, or European Standard EN166.

**Other Protective Clothing and Equipment:** Coveralls, apron, or other equipment should be worn to minimize skin contact.

Exposure Guidelines	OSHA PEL		ACGIH TWA	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
None	NA	NA	NA	NA

**Section [9] Physical and Chemical Properties**

**Appearance:** Translucent liquid

**Odor:** Slight odor

**Boiling Point:** 212°F (100°C) estimate

**Freezing Point:** 32°F (0°C) estimate

**Vapor Pressure:** 17 mm Hg@20°C

**Solubility in Water:** Emulsifies

**Specific Gravity:** 1.05

**pH:** Not determined

**Volatile Organic Compounds:** 35 g/l (as applied in combination with Part B)

**Viscosity:** Not determined

**Flash Point [Method]:** Does not flash

**Flammable Limits LEL:** Not applicable UEL: Not applicable

**Section [10] Stability and Reactivity**

**Stability:** Stable

**Materials to Avoid:** Strong oxidizers, strong acids

**Conditions to Avoid:** Extreme temperatures

**Hazardous Decomposition Products:** Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

**Hazardous Polymerization:** Will not occur.

**Section [11] Toxicological Information**

Component	LD50 Oral (rat)	LD50 Dermal (rabbit)	LC50 Inhalation (rat)
Alky glycol ether	3089 mg/kg	1337 mg/kg	>2132 ppm (6hr)
Prop.polyol resin	>2000 mg/kg	Not available	Not available

**Section [12] Ecological Information**

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological

waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

**Section [13] Disposal Considerations**

Dispose of in accordance with Local, State, and Federal Regulations; this product is toxic to fish, do not discharge into lakes, ponds, streams or public waters. Product is classified as non - hazardous, however, non-hazardous materials may become hazardous waste upon contact with other products. Consult your local, state, Provincial or Federal Environmental Protection Agency before disposing of any chemicals.

**Section [14] Transport**

**US DOT:** Not regulated  
**Proper Shipping Name:**  
**UN Number:**  
**Packing Group:**  
**Special Instructions:**

**IATA:** Not regulated  
**Proper Shipping Name:**  
**UN Number:**  
**Packing Group:**  
**Special Instructions:**

**IMDG:** Not regulated  
**Proper Shipping Name:**  
**UN Number:**  
**Packing Group:**  
**Special Instructions:**

**Note:** Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EC, Canadian TDG, and United Nations TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

**Section [15] Regulatory**

SARA TITLE III (Superfund Amendments and Reauthorization Act)  
311/312 Hazard Categories  
Acute health  
313 Reportable Ingredients:  
Glycol ether; 5%

## Section [16] Other Information

**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.

**NeverStrip Floor Coatings, 800.854.5414 [www.NeverStrip.com](http://www.NeverStrip.com)**

**For Hazardous Materials Incident: Spill, Leak, Fire, Exposure, or Accident**

**Call CHEMTREC (24 hours) USA and Canada: 800.424.9300**

**Section [1] Product and Company Identification**

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**Manufacturer:** NeverStrip Floor Coatings, 9600 Ogden Avenue, La Grange, IL 60525  
**Information:** 800.854.5414  
**Emergency:** 800.424.9300  
**E-mail:** Info@NeverStrip.com  
**Date Prepared:** 01/15/16  
**Prepared by:** NeverStrip Floor Coatings

**Section [2] Hazards Identification**

**Emergency Overview**

Clear/pale yellow liquid, slight odor. Harmful if inhaled. Causes skin irritation. May cause eye and respiratory tract irritation. May cause allergic respiratory reaction. Prolonged skin contact can cause skin sensitization. Toxic gases are emitted during burning or thermal decomposition.

**Potential Health Effects**

**Eye:** Contact may cause irritation. Symptoms may include redness and swelling of the conjunctiva.

**Skin:** Contact causes moderate irritation; prolonged contact may cause moderate red- dening, swelling and possible necrosis. Chronic exposure may result in skin sensitization, which can cause symptoms as a result of contact with very small amounts of liquid mate- rial or as a result of exposure to vapor. Cured material is hard to remove. Individuals who have developed skin sensitization can develop symptoms as a result of contact with very small amounts of liquid material or as a result of exposure to vapor.

**Ingestion:** May be harmful if swallowed. May cause headache, dizziness, diarrhea and general weakness; large doses may result in red blood cell hemolysis.

**Inhalation:** Harmful if inhaled. High concentrations are irritating to the respiratory tract; may cause headache, dizziness, nausea, vomiting and malaise. Chronic overexposures, or a single large dose, may cause isocyanate sensitization and subsequent reaction to a later exposure to isocyanate at levels well below the TLV.

**Chronic Effects / Carcinogenicity**

**NTP Listed:** No **IARC Group:** 1 or 2A: No **OSHA Regulated:** No

**HMIS Ratings**

**Health 2                      Flammability 1                      Reactivity 1                      Protection C**

0 = Insignificant Hazard, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, \* = Chronic  
 C = Safety Glasses, Synthetic Gloves, Synthetic Apron

**Global Hazard System**

**Hazard Word:** Irritant

**Hazard Symbols:** WARNING, Irritant



**Section [3] Composition/Information On Ingredients**

Ingredients	CAS#	Wt%
HDI-based polyisocyanate	Proprietary	75-85
Aliphatic polyisocyanates	Proprietary	12-25
Hexamethylene diisocyanate(a)	822-06-0	<0.2

**OSHA Regulatory Status:** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).(a) Monomer content is less than 0.2% based on resin solids at the time of manufacture.

**Section [4] First Aid Measures**

**Eye:** Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

**Skin:** Remove contaminated clothing; wash affected area for at least 15 minutes with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

**Ingestion:** DO NOT induce vomiting unless directed to do so by medical personnel; never give anything by mouth to an unconscious person; seek medical attention.

**Inhalation:** Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek emergency medical attention.

**Section [5] Fire Fighting Measures**

**Product is not considered flammable or combustible.**

**Extinguishing Media:** Carbon dioxide, water fog, dry chemical, chemical foam

**Media Not to be Used:** Water stream

**Fire and Explosion Hazards:** Closed containers can explode due to buildup of pressure when exposed to extreme heat. Do not use direct stream of water on pool fires as product may reignite on water surface. Product will burn under fire conditions. Toxic, corrosive fumes are emitted. Reacts with water releasing large amounts of carbon dioxide which may cause pressure build-up in confined spaces.

**Fire Fighting Instructions:** Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released.

**Hazardous Decomposition Products:** Smoke, fumes, oxides of carbon and nitrogen.

**Section [6] Accidental Release Measures**

**Steps to be Taken In Case Material is Released or Spilled:**

**CAUTION WILL SUPPORT COMBUSTION.** Do not wash to sanitary sewer. All spills – confine, soak up with approved absorbent, shovel product into approved container for disposal. Flush area with water; recover flush for proper disposal. Collect any free liquid into closed but not sealed containers. Sealing the container may lead to rupture if any contaminated isocyanate reacts. Clean up spill area with a solution of 50% isopropanol, 45% water and 5% concentrated ammonium solution (% by weight). The solution should cover the area for at least one hour. Absorb with an inert absorbent. Collect washings for disposal.



**Section [7] Handling and Storage**

**Handling:** Do not breathe vapors. Do not get on skin or in eyes. Do not ingest. Keep away from food and drink. Wash hands before eating. Avoid contact with water and excess humidity.

**Storage:** Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures or open flames. Keep this and other chemicals out of reach of children. **CAUTION – WILL SUPPORT COMBUSTION.**

**Section [8] Exposure Controls / Personal Protection**

**Engineering Controls:** The use of local exhaust ventilation is recommended to control emissions near the source. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment. See below for component exposure guidelines.

**Respiratory Protection:** None required while threshold limits are kept below maximum allowable concentrations. Use NIOSH-approved respirator for use in isocyanate-containing environments, if TWA exceeds limits. Refer to 29 CFR 1910.134, CSA Z94.4-93, or European Standard EN 149

**Skin Protection** Protective gloves of nitrile, rubber with cuffs.

**Eye Protection:** Goggles with side shields; safety eyebath nearby. Refer to 29 CFR 1910.133, CSA Z94.3- M1982, or European Standard EN166.

**Other Protective Clothing and Equipment:** Safety eyebath nearby. Coveralls, apron, or other equipment should be worn to minimize skin contact.

Exposure Guidelines	OSHA PEL		ACGIH TWA	
	ppm	mg/m3	ppm	mg/m3
Hexamethylene diisocyanate	0.005		0.005	-

\*A TLV or PEL have not been established for this component. The manufacturer has established the limit indicated here as a guideline.

**Section [9] Physical and Chemical Properties**

**Appearance:** Clear/pale yellow liquid

**Odor:** Practically odorless

**Boiling Point:** Not measured

**Freezing Point:** Not measured

**Vapor Pressure:** Not measured

**Solubility in Water:** Insoluble; reacts

**Specific Gravity:** Not measured

**pH:** Not applicable

**Volatile Organic Compounds:** 35 g/l (as applied in combination with Part B)

**Viscosity:** Not measured

**Flash Point [Method]:** Not measured

**Flammable Limits LEL:** Not determined **UEL:** Not determined

**Section [10] Stability and Reactivity**

**Stability:** Stable

**Materials to Avoid:** Strong oxidizers, strong acids

**Conditions to Avoid:** Extreme temperatures

**Hazardous Decomposition Products:** Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

**Hazardous Polymerization:** Will not occur. Avoid contact with moisture.

**Section [11] Toxicological Information**

Component	LD50 Oral (rat)	LD50 Dermal (rabbit)	LC50 Inhalation (rat)
Hexamethylene diisocyanate	710 mg/kg	Not available	275 mg/m3

**Section [12] Ecological Information**

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

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\*Contains Hexamethylene-1,6-Diisocyanate which has a Reportable Quantity of 100 lbs (45.4 kg). If shipped in bulk containers, UN3082 may apply.

### **Section [15] Regulatory**

SARA TITLE III (Superfund Amendments and Reauthorization Act)

**311/312 Hazard Categories:** Acute health

**313 Reportable Ingredients:** Glycol ether; 5%

**CERCLA (Comprehensive Response Compensation and Liability Act):**

Hexamethylene diisocyanate-RQ=100 lbs (45.4 kg)

Spill equivalence of 24,000 lbs of this product.

### **Section [16] Other Information**

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