

NeverStrip
FLOOR COATINGS

NeverStrip Chemical Resistant Epoxy



Section [1] Product and Company Identification

Product Name: NeverStrip Chemical Resistant Epoxy, Part A

General Use: Provides high chemical resistant protection for commercial flooring.

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

Information: (708)-588-9707

E-mail: Info@NeverStrip.com

USA and Canada

Emergency, Chemtrec: 800-424-9300

Prepared Date: 03.22.06

Prepared by: R Cain

Section [2] Hazards Identification

Hazardous Material Information (HMIS)

Health 1 Fire 0 Reactivity 0 Protection B

0 = Insignificant Hazard, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

B = Safety Glasses, Gloves,

Hazardous Ingredients	CAS#	OSHA PEL	ACGIH TLV	WT %	Carcinogen
Epoxy Resin	25068-38-6	NE	NE	45-65	NO
Bisphenol F Epoxy Resin	28064-14-4	NE	NE	5-15	NO
Alkyl Glycidyl Ether*	120547-52-6	NE	NE	1-5	
Benzyl Alcohol	100-51-6	NE	NE	5-15	NO
Talc	14807-96-6	2 mg/m ³	2 mg/m ³	10-30	NO

Depending on color, one or more of the following may be present:

Titanium Dioxide	13463-67-7	10	mg/m ³	1-5	NO
Black Iron Oxide	1317-61-9	10ppm	10 mg/m ³	<1	NO
Red Iron Oxide	1332-37-2	10ppm	10 mg/m ³	1-5	NO
Yellow Iron Oxide	51274-00-1	10 ppm	5 mg/m ³	<1	NO
Chromium Oxide	1308-38-9	.5 mg/m ³	.5 mg/m ³	<1	

The exposure limits shown above for pigments are for dust exposure. They are not known to be hazardous after blended into a liquid. Wet sanding is suggested to eliminate airborne dust, if product is machined or ground. The only other exposure limits established for ingredients of this product apply to nuisance dusts from inert fillers. These fillers are blended into a liquid and pose no hazard as supplied.

Substances listed are present in concentration of 1% or greater, or 0.1% if cited as a potential Carcinogen in the OSHA hazards communication standard. Where proprietary ingredient is listed, the identity is available as provided in 29 CFR 1910.1200.

NE - Not Established

Section [3] Composition/Information on Ingredients

Boiling Range: Not determined

Vapor Density: Not determined

Vapor Pressure: 1 mm Hg @ 200°F

VOC: 0.00

Solubility in Water: NIL

Appearance and Odor: Moderately viscous pigmented liquid with a mild odor

Specific Gravity: (H2O=1) 1.51

Section [4] Fire Fighting Measures

Flash Point: >200°F

Method Used: Closed Cup

Flammable Limits in Air By Volume: Lower: Not determined

Upper: Not determined

Extinguishing Media: Foam, dry chemical CO2

OSHA Flammability Classification: Combustible liquid, Class III A

*Reportable per SARA Title III, Section 313

Special Fire Fighting Procedures: Decomposition and/or products of combustion may be toxic. Use self contained breathing equipment.

Unusual Fire and Explosion Hazards: Decomposition and combustion of products may be toxic.

Section [5] Reactivity

Stability: Normally Stable

Conditions to Avoid: Elevated temperatures.

Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents, strong acids, strong bases. Mixing large quantities (1 gallon) with amines or epoxy hardeners can cause heat build-up and hazardous reaction.

Hazardous Decomposition or By-Products: Carbon Monoxide, Carbon Dioxide, Phenolic Derivatives.

Hazardous Polymerization: Will not occur.

Section [6] First Aid Measures

Health Risks and Symptoms of Exposure:

Inhalation: Exposure to vapors at elevated temperatures may cause irritation to respiratory tract and difficulty breathing.

Eye: May cause irritation to the eyes.

Skin: A single exposure to the skin is unlikely to result in harm.

Skin Absorption: Repeated exposure to the skin can cause sensitization.

Ingestion: Oral toxicity is low. No hazards expected from normal industrial exposure.

Health Hazards (Acute and Chronic):

Carcinogenicity:

NTP Carcinogen: NO **IARC Monographs:** NO **OSHA Regulated:** NO

Medical Conditions Generally Aggravated By Exposure: Allergy, Eczema, or skin conditions.

Emergency and First Aid Procedures:

Eyes: Flush at once with potable water for at least 15 minutes.

Skin: Wash with soap and warm water. Remove contaminated clothes.

Wash before reuse. Destroy contaminated shoes.

Ingestion: Not likely to occur in normal handling. Give large quantities of water and get medical attention.

Inhalation: Remove to fresh air. Administer oxygen if breathing is difficult.

Section [7] Handling and Storage

Steps To Be Taken In Case Material Is Released or Spilled: Avoid contact. Soak up with clay or other absorbent material. Place in covered container for disposal.

Waste Disposal Method: Dispose in an approved incinerator or an approved landfill.

Precautions To Be Taken in Handling and Storing: Avoid contact.

Other Precautions: Keep containers tightly closed when not in use. If mixture of A and B are allowed to remain in the mixing vessel past the pot life deadline, heat and a strong reaction will result.

Grinding or other abrasive action to cured film may develop Micro crystalline Silica dust. Wear a dust mask during such operations.

Section [8] Exposure Controls/Personal Protection:

Avoid breathing vapor mist or spray.

Ventilation: Use with good ventilation.

Protective Gloves: Wear impervious gloves.

Eye Protection: Wear splash-proof chemical goggles.

Other Protective Clothing or Equipment: Provide eye fountain and safety shower.

Work/Hygienic Practices: Practice good industrial hygiene. Wash with soap and water before eating, smoking, or using the restroom.

Section [9] Regulatory Information

SARA Title III Section 313: Unless shown below, this product does not contain the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community

Right to Know Act of 1986 and of 40 CFR 372:

CAS# Chemical Name Percent by Weight: 1308-38-9 Chromium compound <1% (not in all formulations)

PROP 65 (Carcinogen): Unless shown below, this product does not contain chemicals known to the state of California to cause cancer.

CAS # Chemical Name Percent by Weight: None

PROP 65 (Teratogenic): Unless shown below, this product does not contain chemicals known to the state of California to cause birth defects or other reproductive harm.

CAS # Chemical Name Percent by Weight: None

PROP 65 (Carcinogenic & Teratogenic): Unless shown below, this product does not contain chemicals known to the state of California to cause cancer or birth defects or other reproductive harm.

CAS # Chemical Name Percent by Weight: None

Hazardous Waste Information: Unless shown below, this product is not a hazardous waste according to definitions found in CFR-40.

State of Michigan Critical Materials: Unless shown below, this product does not contain ingredients appearing on the State of Michigan Critical Materials List.

CAS # Chemical Name Percent by Weight: None

DOT Proper Shipping Name: Synthetic Resin Liquid

Proper Shipping Name: Synthetic Resin Liquid

Hazard Class: Non-Hazardous

UN/NA ID#:

Section [10] Disclaimer

Data and recommendations presented herein are based upon our and other researchers and are believed to be accurate. The products discussed are distributed without warranty (expressed or implied) and the customer shall make his own determination of suitability for his particular purpose.

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Section [2] Hazards Identification

Hazardous Material Information (HMIS)

Health 3

Fire 1

Reactivity 0

Protection c

0 = Insignificant Hazard, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

B = Safety Glasses, Gloves, Synthetic Apron

Hazardous Ingredients	CAS#	OSHA		ACGIH	WT %	Carcinogen
		PEL	TLV			
Benzyl Alcohol	100-51-6	NE	NE		20-40	NO
Benzyl dimethylamine	103-83-3	NE	NE		1-10	NO
Isophoronediamine	2855-13-2	NE	NE		20-40	NO
Alkyl Phenol	84852-15-3	NE	NE		10-20	NO

Substances listed are present in concentration of 1% or greater, or 0.1% if cited as a potential carcinogen in the OSHA hazards communication standard. Where proprietary ingredient is listed, the identity is available as provided in 29 CFR 1910-1200.

NE - Not Established

Section [3] Composition/Information on Ingredients

Boiling Point: 414°F

Vapor Density: Not Established

Vapor Pressure: Not Established

VOC: 0.00

Solubility in Water: <1% @ 77°F

Appearance and Odor: Low viscosity with sharp ammonia odor

Specific Gravity: (H₂O=1) 0.99

Evaporation Rate: Not Established

Section [4] Fire Fighting Measures

Flash Point: >200°F

Method Used: Closed Cup

Flammable Limits in Air By Volume: Lower: Not determined

Upper: Not determined

Extinguishing Media: Foam, dry chemical CO2

OSHA Flammability Classification: Combustible liquid, Class III B

Special Fire Fighting Procedures: Wear positive pressure self contained breathing equipment. Use water to cool containers exposed to fire.

Unusual Fire and Explosion Hazards: Toxic fumes present when this material involved in fire. Containers may rupture.

Section [5] Reactivity

Stability: Normally Stable

Conditions to Avoid: Contact with acids such as Hydrochloric or Sulfuric.

Incompatibility (Materials to Avoid): Avoid strong oxidizing agents and epoxy resins under uncontrolled conditions.

Hazardous Decomposition or By-Products: When exposed to fire, oxides of Carbon and Nitrogen will be generated.

Hazardous Polymerization: Will not occur.

Section [6] Health Hazards

Health Risks and Symptoms of Exposure:

Inhalation: Vapors can cause severe irritation of respiratory tract.

Eye: Vapors - Can cause irritation and burns to eyes.

Skin: Corrosive - Can cause burns to skin.

Skin Absorption: Repeated exposure to the skin can cause sensitization.

Ingestion: Can cause severe damage to mouth and throat.

Health Hazards (Acute and Chronic):

Carcinogenicity:

NTP Carcinogen: NO **IARC Monographs:** NO **OSHA Regulated:** NO

Medical Conditions Generally Aggravated By Exposure: Skin contact may aggravate existing dermatitis (skin condition). Over exposure to vapor or mist may aggravate existing respiratory conditions such as asthma, bronchitis, or fibrotic respiratory disease.

Emergency and First Aid Procedures:

Eyes: Flush immediately for 15 minutes with large amounts of potable water.

DO NOT attempt to neutralize with chemical agents. Get immediate medical attention.

Skin: Flush immediately for 15 minutes with potable water. DO NOT attempt to neutralize with chemical agents. Remove contaminated clothing. Launder before reuse. Discard contaminated shoes. Get medical attention if swelling and/or irritation occurs.

Ingestion: Give water to dilute stomach contents. DO NOT induce vomiting. If vomiting occurs, give fluids again. Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person.

Inhalation: Remove to fresh air. Get medical attention if effects persist.

Inhalation: Other Instructions: Swallowing this corrosive material may result in severe ulceration, inflammation, and possible perforation of the upper alimentary tract, with hemorrhage and fluid loss. Aspiration of this product during induced emesis can result in severe lung injury. If evacuation of stomach is necessary, use method least likely to cause aspiration, such as gastric lavage after endotracheal intubation. Contact a Poison Control Center for additional treatment information.

Section [7] Handling and Storage

Steps To Be Taken In Case Material Is Released or Spilled: Avoid contact. Allow only personnel wearing goggles, neoprene or rubber gloves and protective clothing to clean up spills. In confined areas a full face respirator is recommended. Absorb spill with clay, diatomaceous earth or other absorbent material. Place in disposal containers

Precautions To Be Taken in Handling and Storing: Avoid contact. Keep containers tightly closed when not in use. Do not remove labels from empty containers. If mixtures of Part B and Part A are allowed to remain in the mixing container past the pot life deadline, heat and a strong reaction will result.

Waste Disposal Method: Dispose of in approved incinerator or an approved landfill.

Other Precautions: None

Section [8] Exposure Controls/Personal Protection:

Avoid breathing vapor mist or spray.

Ventilation: Mechanical ventilation required if TLV is expected to be exceeded in confined areas.

Protective Gloves: Neoprene or natural rubber gloves.

Eye Protection: Wear splash-proof chemical goggles.

Other Protective Clothing or Equipment: Body covering clothes

Work/Hygienic Practices: Practice good industrial hygiene. Wash with soap and water before eating, smoking, or using the restroom.

Section [9] Regulatory Information

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Right to Know Act of 1986 and of 40 CFR 372:

CAS# Chemical Name Percent by Weight: None

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CAS # Chemical Name Percent by Weight: None

PROP 65 (Teratogenic): Unless shown below, this product does not contain chemicals known to the state of California to cause birth defects or other reproductive harm.

CAS # Chemical Name Percent by Weight: None

PROP 65 (Carcinogenic & Teratogenic): Unless shown below, this product does not contain chemicals known to the state of California to cause cancer or birth defects or other reproductive harm.

CAS # Chemical Name Percent by Weight: None

Hazardous Waste Information: Unless shown below, this product is not a hazardous waste according to definitions found in CFR-40.

State of Michigan Critical Materials: Unless shown below, this product does not contain ingredients appearing on the State of Michigan Critical Materials List.

CAS # Chemical Name Percent by Weight: None

DOT Proper Shipping Name: Caustic Alkali Liquid, N.O.S. (Modified Cycloaliphatic Amines); 8; UN1719; PG II

Proper Shipping Name: Caustic Alkali Liquid, N.O.S. (Modified Cycloaliphatic Amines)

Hazard Class: Class 8, Corrosive

UN/NA ID#: UN 1719

Packing Group: II

Section [10] Disclaimer

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