SAFETY DATA SHEET

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Revision date: 04/15/2015

Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

1.1 – Product Identifier

Product Form: Mixture
Product Name: **Ultra Strip II**
Product Code: **1650-16**

1.2 – Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Use of the Substance/Mixture: Sealer/Finish Stripper

1.3 – Details of the Supplier of the Safety Data Sheet

Sold By: Gabriel First Corp.
Address: 233 W. Commercial Street
East Rochester, NY 14445
Telephone: 585-381-7000

1.4 – Emergency Telephone Number

Emergency Number: 800-424-9300

Section 2 – Hazards Identification

2.1 – Classification of the Substance or Mixture

Classification (GHS-US)
Acute Tox. 4 (Oral): H302
Acute Tox. 4 (Dermal): H312
Skin Corr. 1A : H314
Full text of H-phrases: see Section 16.

2.2 – Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US):

GHS05 GHS07

Signal Word (GHS-US) : Danger

Hazard Statements (GHS-US):
H302+H312 - Harmful if swallowed or in contact with skin.
H314 - Causes severe skin burns and eye damage.

Precautionary Statements (GHS-US):
P260 - Do not breathe dust/mist/spray.
P264 - Wash hands and forearms thoroughly after handling
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/eye protection/face protection.
P301+P312 - If swallowed: Call a poison center/doctor if you feel unwell
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting.
P302+P352 - If on skin: Wash with plenty of soap and water.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a poison center/doctor.
P312 - Call a poison center/doctor/… if you feel unwell.
P321 - Specific treatment (see First aid measures on this label).
P330 - Rinse mouth.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P363 - Wash contaminated clothing before reuse.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

2.3 – Other Hazards
No additional information available.

2.4 – Unknown Acute Toxicity (GHS-US)
Not applicable.

Section 3 – Composition/Information on Ingredients

3.1 – Substance
Not applicable.

3.2 – Mixture

Name	Product Identifier	%	Classification (GHS-US)
2-Butoxyethanol	(CAS No) 111-76-2	20 - 30	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation:gas), H330 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
2-Aminoethanol	(CAS No) 141-43-5	10 - 20	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314

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).

First Aid Measures After Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

First Aid Measures After Skin Contact: Immediately call a poison center or doctor/physician. Specific measures (see supplier information on this label). Wash with plenty of soap and water. Wash contaminated clothing before reuse. Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

First Aid Measures After Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

First Aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Call a poison center/doctor/physician if you feel unwell. Immediately call a poison center or doctor/physician.

4.2 – Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/Injuries: Causes severe skin burns and eye damage.

Symptoms/injuries After Skin Contact: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin.

Symptoms/injuries After Ingestion: Swallowing a small quantity of this material will result in serious health hazard.

4.3 – Indication of Any Immediate Medical Attention and Special Treatment Needed
No additional information available.

Section 5 – Firefighting Measures

5.1 – 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 – Special Hazards Arising From the Substance or Mixture

Reactivity: Thermal decomposition generates : Corrosive vapors.

5.3 – Advice for Firefighters

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.

Section 6 – Accidental Release Measures

6.1 – Personal Precautions, Protective Equipment and Emergency Procedures

6.1.1: For Non-Emergency Personnel

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2: For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

6.2 – Environmental Precautions

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

6.3 – Methods and Material 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.

6.4 – Reference to Other Sections

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. Do not breathe dust/mist/spray. Avoid contact during pregnancy/while nursing.

Hygiene Measures: Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

7.2 – Conditions for Safe Storage, Including Any Incompatibilities

Technical measures: Comply with applicable regulations.

Storage Conditions: Keep only in the original container in a cool, well ventilated place away 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.

7.3 – Specific End Use(s)

No additional information available.

Section 8 – Exposure Controls/Personal Protection

8.1 – Control Parameters

Ultra Strip II		
ACGIH	Not applicable	
OSHA	Not applicable	

2-Butoxyethanol (111-76-2)		
ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	ACGIH STEL (ppm)	20 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr
OSHA	OSHA PEL (TWA) (mg/m³)	240 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	50 ppm

2-Aminoethanol (141-43-5)		
ACGIH	ACGIH TWA (ppm)	3 ppm
ACGIH	ACGIH STEL (ppm)	3 ppm
ACGIH	Remark (ACGIH)	Eye & skin irr
OSHA	OSHA PEL (TWA) (mg/m³)	6 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	3 ppm

8.2 – Exposure Controls

Personal Protective Equipment: Avoid all unnecessary exposure.
Hand Protection: Wear protective gloves/eye protection/face protection.
Eye Protection: Chemical goggles or face shield.
Skin and Body Protection: Wear suitable protective clothing.
Respiratory Protection: Wear appropriate mask.
Other Information: Do not eat, drink or smoke during use.

Section 9 – Physical and Chemical Properties

9.1 – Information on Basic Physical and Chemical Properties

Physical State: Liquid
Color: Blue
Odor Lemon odor
Odor Threshold: No data available
pH: 12
Melting Point: No data available
Freezing Point: No data available
Boiling Point: 212 - 220 °F
Flash Point: ≥ 200 °F
Relative Evaporation Rate (Butyl Acetate=1): No data available
Flammability (solid, gas): No data available
Explosion Limits: No data available
Explosive Properties: No data available
Oxidizing Properties: No data available
Vapor Pressure: No data available
Relative Density: 0.97
Relative Vapor Density at 20 °C: Same as water
Solubility: Soluble in water.
Water: Solubility in water of component(s) of the mixture :
• : • : • :
Log Pow: No data available
Log Kow: No data available
Auto-Ignition Temperature: No data available
Decomposition Temperature: No data available
Viscosity: No data available
Viscosity, Kinematic: No data available
Viscosity, Dynamic: No data available

9.2 – Other Information

No additional information available.

Section 10 – Stability and Reactivity

10.1 – Reactivity

Thermal Decomposition Generates: Corrosive vapors.

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.

10.5 – Incompatible Materials
Strong acids. Strong bases.

10.6 – Hazardous Decomposition Products
Fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates: Corrosive vapors.

Section 11 – Toxicological Information

11.1 – Information on Toxicological Effects
Acute Toxicity: Oral: Harmful if swallowed. Harmful in contact with skin.

Ultra Strip II	
ATE US (oral)	1873.507 mg/kg body weight
ATE US (dermal)	1474.222 mg/kg body weight

2-Butoxyethanol (111-76-2)	
LD50 oral rat	530 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; 1746 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rat	> 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LD50 dermal rabbit	435 mg/kg body weight (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity; 435 mg/kg bodyweight; Rabbit; Weight of evidence; Equivalent or similar to OECD 402)
LC50 inhalation rat (mg/l)	2.17 mg/l/4h (Rat; Experimental value; 2.35 mg/l/4h; Rat; Experimental value)
LC50 inhalation rat (ppm)	450 - 486 ppm/4h 450-486,Rat
ATE US (oral)	530.000 mg/kg body weight
ATE US (dermal)	435.000 mg/kg body weight
ATE US (gases)	450.000 ppmV/4h
ATE US (vapors)	2.170 mg/l/4h
ATE US (dust, mist)	2.170 mg/l/4h

2-Aminoethanol (141-43-5)	
LD50 oral rat	1720 mg/kg (Rat)
LD50 dermal rabbit	1018 mg/kg (Rabbit)
ATE US (oral)	1720.000 mg/kg body weight
ATE US (dermal)	1018.000 mg/kg body weight

Skin Corrosion/Irritation: Causes severe skin burns and eye damage.
pH: 12

Serious Eye Damage/Irritation: Not classified
pH: 12

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Butoxyethanol (111-76-2)	
IARC group	3 - Not classifiable

Reproductive Toxicity:	Not classified
Specific Target Organ Toxicity: (single exposure):	Not classified
Specific Target Organ Toxicity: (repeated exposure):	Not classified
Aspiration Hazard:	Not classified
Potential Adverse Human Health Effects and Symptoms:	Based on available data, the classification criteria are not met. Harmful if swallowed. Harmful in contact with skin.
Symptoms/injuries After Skin Contact:	Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin.
Symptoms/injuries After Ingestion:	Swallowing a small quantity of this material will result in serious health hazard.

Section 12 – Ecological Information

12.1 – Toxicity

2-Butoxyethanol (111-76-2)	
LC50 fish 1	116 ppm (96 h; Cyprinodon variegatus; Nominal concentration)
EC50 Daphnia 1	1700 mg/l (48 h; Daphnia sp.; Nominal concentration)
LC50 fish 2	1341 ppm (96 h; Lepomis macrochirus)
EC50 Daphnia 2	1720 mg/l (24 h; Daphnia magna)
TLM fish 1	100 - 1000,96 h; Pisces
TLM other aquatic organisms 1	100 - 1000,96 h
Threshold limit algae 1	900 mg/l (168 h; Scenedesmus quadricauda)
Threshold limit algae 2	35 mg/l (192 h; Microcystis aeruginosa)

2-Aminoethanol (141-43-5)	
LC50 fish 1	150 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
EC50 Daphnia 1	140 mg/l (24 h; Daphnia magna)
LC50 fish 2	329.16 mg/l (96 h; Lepomis macrochirus)
TLM fish 1	100 - 1000,96 h; Pisces
TLM other aquatic organisms 1	100 - 1000,96 h
Threshold limit algae 1	0.97 mg/l (192 h; Scenedesmus quadricauda; Inhibitory)
Threshold limit algae 2	35 mg/l (72 h; Algae)

12.2 – Persistence and Degradability

Ultra Strip II	
Persistence and Degradability	Not established.

2-Butoxyethanol (111-76-2)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Photodegradation in the air.
Biochemical oxygen demand (BOD)	0.71 g O_2/g substance
Chemical oxygen demand (COD)	2.20 g O_2/g substance
ThOD	2.305 g O_2/g substance
BOD (% of ThOD)	0.31 % ThOD

2-Aminoethanol (141-43-5)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil.
Biochemical oxygen demand (BOD)	0.80 g O_2/g substance
Chemical oxygen demand (COD)	1.34 g O_2/g substance
ThOD	2.49 g O_2/g substance
BOD (% of ThOD)	0.32 % ThOD

12.3 – Bioaccumulative Potential

Ultra Strip II	
Bioaccumulative potential	Not established.

2-Butoxyethanol (111-76-2)	
Log Pow	0.81 (Experimental value; BASF test; 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

2-Aminoethanol (141-43-5)	
Log Pow	-1.91
Bioaccumulative potential	Bioaccumulation: not applicable.

12.4 – Mobility in Soil

2-Butoxyethanol (111-76-2)	
Surface tension	0.027 N/m (25 °C)

2-Aminoethanol (141-43-5)	
Surface tension	0.050 N/m

12.5 – Other Adverse Effects

Effect on the Global Warming: No known ecological damage caused by this product.

Other Information: Avoid release to the environment.

Section 13 – Disposal Considerations

13.1 – Waste Treatment Methods

Waste Disposal Recommendations: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/regional/national/international regulations.

Ecology – Waste Materials: Avoid release to the environment.

Section 14 – Transport Information

Department of Transportation (DOT)

In Accordance With DOT Not regulated for transport.

Additional Information

Other Information: No supplementary information available.

ADR: No additional information available.

Transport By Sea: No additional information available.

Air Transport: No additional information available.

Section 15 – Regulatory Information

15.1 – US Federal Regulations

2-Butoxyethanol (111-76-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

2-Aminoethanol (141-43-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 – International Regulations

Canada
No additional information available.

EU-Regulations
No additional information available.

Classification According to Regulation (EC) No. 1272/2008 [CLP]
No additional information available.

Classification According to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
Not classified.

National Regulations
No additional information available.

15.3 – US State Regulations
No additional information available.

Section 16 – Other Information

Revision Date: 04/15/2015

Other Information: None.

Full Text of H-phrases:

Acute Tox. 2 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 4	Flammable liquids Category 4
Skin Corr. 1A	Skin corrosion/irritation Category 1A
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
H227	Combustible liquid
H302	Harmful if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H319	Causes serious eye irritation
H330	Fatal if inhaled

HMIS III 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**

B – Safety glasses, Gloves

SDS US (GHS HazCom 2012)

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.