

# Safety Data Sheet

## U-Mix<sup>®</sup> 202 Urethane

Complies with OSHA Hazard Communication  
Standard 29 CFR 1910.1200



### SECTION 1. Identification

#### 1.1 Product Identifier:

**Product Name:** U-Mix<sup>®</sup> 202 Urethane

**Product Code:** Formulation JB-219

#### 1.2 Uses of the product:

Injection Urethane-Hydrophilic type- , Single  
Component Chemical Grout

#### 1.3 Details of the product manufacturer:

**Supplied By:** Specco Industries Inc.  
601 N. 5<sup>th</sup> Ave.  
Kankakee, Illinois 60901  
(630)-257-5060  
e-Mail: Info@specco.com

#### 1.4 Emergency Telephone Number:

**24 Hour Emergency:**  
**INFOTRAC: 1-800-535-5053**

**Outside U.S. and Canada**  
**Infotrac: 352-323-3500**

**Note:** INFOTRAC and National Response Center  
emergency numbers to be used only in the event of  
chemical emergencies involving a spill, leak, fire,  
exposure or accident involving chemicals

### SECTION 2. Hazard(s) Identification

**2.1\*\*\* EMERGENCY OVERVIEW\*\* \* Health hazard:** Suspected of causing cancer. Environmental  
Hazard,: Harmful to aquatic life with long lasting effects. Irritant: Causes skin irritation, may cause an  
allergic skin reaction. May cause damage to organs (Respiratory Tract) through prolonged or repeated  
exposure if inhaled. Causes serious eye irritation.

**Target Organs:** Eyes, skin, respiratory system, central nervous system

#### 2.2 Classification of the substance or mixture:

##### GHS-US Classification

Hazardous to the Aquatic Environment- Long-Term (Chronic) Hazard Category 2

Specific target organ toxicity-single exposure Category 3

Acute Toxicity, inhalation Category 4

Skin Irritation- Category 2

Eye Irritation- Category 2

Respiratory Sensitization- Category 1

Skin Sensitization – Category 1

Carcinogenicity- Category 2

STOT SE- Category 3- Inhalation

STOT RE- Category 2 –Inhalation

Aquatic (Chronic) – Category 3

#### 2.3 Label elements:



#### Symbol(s) of Product GHS-US labeling:

Hazard pictograms (GHS-US):

**Signal Word:**

Danger!

**2.3 Label Elements:****GHS-US HAZARD STATEMENTS:**

Skin Irritation, category 2	H315	Causes skin irritation
	H317	May cause an allergic skin reaction
Eye Irritation, category 2	H319	Causes serious eye irritation
Health hazard:	H341	Suspected of causing genetic defects
Carcinogenicity, category 2	H351	Suspected of causing cancer
STOT, repeated exposure, category 2	H373	May cause damage to the lungs and / or respiratory system through prolonged or repeated inhalation.

Hazardous to the Aquatic Environment    H411    Toxic to aquatic life with long lasting effects

**GHS –US PRECAUTIONARY STATEMENTS**

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P240	Ground /bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non sparking tools
P243	Take precautionary measures against static discharge.
P260	Do not breath fumes/vapors/spray.
P261	Avoid breathing fume/gas/mist/vapors/spray.
P264	Wash thoroughly after handling..
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in well-ventilated areas.
P273	Avoid release to the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection

**RESPONSE:**

P301+P310	IF SWALLOWED, immediately call a POISEN CENTER/doctor/physician
P302 + P352	IF ON SKIN, Wash with plenty of water.
P303 +P361+P353	IF ON SKIN (or hair): Take of immediately all contaminate 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.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P312	Call a POISON CENTER/doctor/physician if you feel unwell.
P314	Get medical attention/advice if you feel unwell.
P321	Specific treatment (see first aid section on label/SDS) .
P331	Do NOT induce vomiting
P332 + P313	If skin irritation occurs: get medical advice/attention.
P337 + P313	If eye irritation occurs: get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P370 + P378	In case of fire: Use appropriate method to extinguish.

**STORAGE:**

P403 + P233	Store in a well ventilated place. Keep containers tightly closed.
P403 +P235	Store in a well ventilated place . Keep cool.
P405	Store locked up.

**DISPOSAL:**

P501	Dispose of contents/container in accordance with local / regional / national /
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international regulations.

#### 2.4 Other hazards:

**Hazardous decomposition products:** None listed

### SECTION 3. Composition on Ingredients

#### 3.1 Substances:

<u>Chemical name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS-US Symbols</u>	<u>GHS-US Statements</u>
Dibasic Ester	Mixture	<40%	GHS02-GHS07	H225-319-336
Polymeric Diphenyl- Methane Diisocyanate	9016-87-9	<5%	GHS02-GHS07 -GH308	H226-315-319-332-335-351 H-373
Mixed Isomers	(below)		GHS07-GHS07 -GH308	H-225315-319-332-335-351 H-373
2-4- Toluene Diisocyanate	584-84-9	<1%	N.A.	N.A.
2,6-Toluene Diisocyanate	91-08-7	<1%	N.A.	N.A.

**Note:** The full text for GHS Statements shown above (if any) is given in the “Other Information” Sect. (16)

STOT SE = Specific target organ toxicity for a single exposure  
STOT RE = Specific target organ toxicity for a repeated exposure

### SECTION 4. First-Aid Measures

#### 4.1 Description of first aid measures:



**FIRST AID- EYE CONTACT:** Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly. Remove contact lenses if worn.



**FIRST AID- SKIN CONTACT:** Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately and clean shoes before reuse.



**FIRST AID- INHALATION:** Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention.



**FIRST AID- INGESTION:** If swallowed, do **NOT** induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

#### 4.2 Principle symptoms and health effects both acute and delayed:



**EYE CONTACT:** May cause eye irritation. Symptoms may include stinging, tearing, redness, and swelling.



**SKIN CONTACT:** Contact with skin may cause mild irritation. Prolonged or repeated contact can result in defatting skin which may result in skin irritation and dermatitis (rash). Personnel with pre-existing skin disorders should avoid contact with this product.

Can be absorbed through the skin and produce central nervous system effects.



**INHALATION:** Breathing saturated vapors for a few minutes may be fatal. Saturated vapor can be encountered in closed spaces and/or under conditions of poor ventilation. Prolonged inhalation may be harmful. Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, light headedness, and stupor (CNS depression). May cause dizziness or drowsiness.



**INGESTION:** This materials may be harmful or fatal if swallowed. Harmful or fatal if liquid is Aspirated into the lungs.. Irritating to mouth, throat, and stomach. Can be readily Absorbed by the stomach and intestinal tract. Symptoms include burning sensation of the mouth and esophagus, nausea, vomiting, diarrhea, dizziness, staggering gait, drowsiness, loss of consciousness and delirium as well as additional central nervous system effects,

**CHRONIC SYMPTOMS:** Suspect cancer hazard. Possible brain damage from overexposure. The International Agency for research on cancer has evaluated ethylbenzene and classified it as a possible human carcinogen (Group 2B) based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans. Chronic effects of ingestion and subsequent aspiration into the lungs may cause pneumatocele (lung cavity) formation and chronic lung dysfunction. Significant exposure to this chemical may adversely affect people with chronic disease of the respiratory system, skin, and/or eyes. Significant exposure to this chemical may adversely affect people with chronic disease of the central nervous system.

**Primary Route(s) of Entry:** Eye Contact, Ingestion, Inhalation, Skin Contact

**4.3 Indication of any immediate medical attention and special treatment needed:**

No specific actions are required.

## SECTION 5. Fire-Fighting Measures

### 5.1 Extinguishing Media:

**Suitable Extinguishing Media:** Carbon Dioxide, Dry Chemical, Foam, Water Fog

**Unsuitable Extinguishing Media:** None Known

### 5.2 Special hazards arising from the substance or mixture:

Firefighters should wear NFPA compliant helmet, hood, boots, and gloves. Avoid contact with this product. Decontaminate equipment and protective clothing prior to reuse. During a fire, isocyanate vapors and other irritating, highly toxic gases may be generated by thermal decomposition or combustion. Exposure to heated diisocyanate can be extremely dangerous

**Explosion Hazard:** Closed containers may forcibly rupture under extreme heat or when contents are contaminated with water (CO<sub>2</sub> formed). Use cold water spray to cool fire-exposed containers to minimize the risk of rupture. Large fires can be extinguished with large volumes of water applied from a safe distance, since reaction between water and hot diisocyanate can be vigorous.

**Reactivity:** No hazardous combustion products or hazard reactions are known.

**5.3 Advice for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA / NIOSH approved or equivalent) and full protective gear. Evacuate all unnecessary personnel. Shut down motors, pumps, electrical service, and eliminate sources of ignition. Avoid use of solid water streams. Water spray to cool containers or protect personnel. Use with caution. Water runoff can cause environmental damage. Dike and collect water used to fight fire..

## SECTION 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment, and emergency procedures

**General:** Wear personal protection equipment (see Section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Avoid inhaling mists and vapors. If material is released indicate risk of slipping.

**Protective Equipment:** Wear protective clothing as appropriate for the work environment, including gloves, and eye/face protection. Use respiratory protection as recommended in Section 8-Exposure controls/personal protection.

**Emergency Procedure:** Collect spilled materials for disposal.

### 6.2 Environmental precautions:

**Containment:** Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material. Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Spills of materials which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll free phone number (800) 424-8802.

### 6.3 Methods and material for containment and cleaning up:

Do not flush away with water. For small amounts: Absorb with a liquid binding material such as diatomaceous earth, dry sand, or earth, place in a chemical waste container, and dispose of according to local/state/federal regulations. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spilled area. Stay upwind of spill. A vapor suppressing foam may be used to reduce vapors. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent/soap solution or another biodegradable cleaner. Exhaust vapors.

### 6.4 Reference to other Sections:

Refer to Sections 8 and 13 for additional information. Eliminate all sources of ignition.

## SECTION 7. Handling and Storage

### 7.1 Precautions for safe handling:

**Work Practices:** Use only in well ventilated places. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. When transferring, follow proper grounding procedures. Use spark resistant tools. Do not load into compartments adjacent to heated cargo. Use explosion proof equipment. Always open containers slowly to allow any excess pressure to vent. Follow all SDS/label precautions even after the containers are emptied because they may retain product residues.

**Hygiene Practices:** Do not eat, drink, or smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.



**7.2 Conditions for safe storage, including any incompatibilities:**

Keep away from heat, sparks, and flame. Containers can build up pressure if exposed to heat (fire). Store containers in a cool, well ventilated place. Keep container closed when not in use. Protect from direct sunlight.

**Static Discharge:** Materials can accumulate static charges which can cause an incendiary electrical discharge. Material is a static accumulator which has the potential of forming ignitable vapor-air mixtures in storage tanks.

**7.3 Specific end use(s):**

**Intended Use(s):** Concrete sealing compound

**Prohibited use(s):** None listed

## SECTION 8. Exposure Controls/Personal Protection

**8.1 Control Parameters:****Ingredients with Occupational Exposure Limits**

<u>Chemical Name</u>	<u>ACGIH-TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Diphenylmethane Diisocyanate Mixed Isomers	N.E.	N.E.	N.E.	N.E.
Methylene Biphenyl Isocyanate (MDI)	0.2 ppm	0.05 ppm	0.2ppm	0.05
MDI Prepolymer	NE	NE	NE	NE.
Polymeric Diphenylmethane Diisocyanate	0.2 ppm	0.05 ppm	0.2ppm	0.05

**8.2 Exposure controls:****8.2.1 Engineering controls:**

Minimize the release of solvent fumes or vapors. Use process controls, local exhaust ventilation, or other engineering controls to maintain airborne levels below the limits shown in Section 8.1 above. See also ACGIH Industrial Ventilation-Recommended Practice (latest edition).

**8.2.2 Personal protective equipment (PPE):**

**RESPIRATORY PROTECTION:** NIOSH/MHSA approved respirators are necessary if airborne concentrations are expected to exceed exposure limits.



**SKIN PROTECTION:** Wear impervious, impermeable gloves such as butyl rubber based to prevent contact with the skin. Wear protective gear as needed such as apron, long sleeved shirts to minimize contact. Wash hands with soap and water after use.



**EYE PROTECTION:** Wear safety glasses with side shields (or goggles) and a face shield



**OTHER PROTECTIVE EQUIPMENT:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.



**HYGIENIC PRACTICES:** Do not eat or drink in areas where the material is used. Avoid breathing fumes. Remove contaminated clothing and wash before re-use. Wash thoroughly after handling. Wash hands before eating.

## SECTION 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties:

<b>Appearance:</b>	Clear, light amber liquid	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Slightly musty	<b>Odor Threshold:</b>	N.D..
<b>Density, g/cm<sup>3</sup>:</b>	1.099	<b>pH:</b>	N.A.
<b>Freeze Point, °F:</b>	N.A.	<b>Viscosity:</b>	1000 cps (+/-100)
<b>Solubility in Water:</b>	Insoluble- Reacts with water To liberate CO <sub>2</sub> gas.		
<b>Boiling Range, F:</b>	N.A.	<b>Flash Point, °F:</b>	>212 °F (100 ° C)
<b>Evaporation Rate:</b>	N.A.	<b>% solids:</b>	100%
<b>Vapor Density:</b>	Heavier than air	<b>V.O.C.:</b>	<1%

**9.2 Note:** See "Other Information" Section (16) for abbreviation legend

## SECTION 10. Stability and Reactivity

### 10.1 Reactivity:

None listed.

### 10.2 Chemical stability:

Stable under normal temperature and pressure

### 10.3 Possibility of hazardous reactions:

Hazardous reactions can occur with moisture contact, other materials that react with isocyanates, or temperatures above 350 °F may cause polymerization..

### 10.4 Conditions to avoid:

Water, amines, strong bases, alcohols, copper alloys, aluminum

### 10.5 Incompatible materials:

Keep away from sources of moisture during storage

### 10.6 Hazardous decomposition products:

By high heat and fire, carbon monoxide, oxides of nitrogen, hydrogen cyanide, carbon dioxide, dense black smoke, isocyanate, isocyanic acid, and other undetermined compounds.

## SECTION 11. Toxicological Information



**11.1 Information on Toxicological Effects:** Ecotoxicity: Material is expected to be toxic to aquatic organisms. It may cause long-term adverse effects in the aquatic environment.. Toxicity data based on polymeric MDI.

**Acute Toxicity :** Oral LD<sub>50</sub>-Greater than 2,000 mg/kg (Rat Male/ Female)

**11.1.1 Acute toxicity:** The acute effects of this product have not been tested.

**11.1.3 Serious eye damage/eye irritation****11.1.4 Respiratory or skin sensitization** Inhalation: LC50: 490 mg/m<sup>3</sup>, vapor, 4 hour (rat)**11.1.5 Germ cell mutagenicity:** Mutagenicity: Genetic toxicity in Vitro: Bacterial- gene mutation assay: negative (Salmonella typhimurium, Metabolic Activation: with/without).**11.1.6 Carcinogenicity:** None listed**11.1.7 Reproductive toxicity:** None listed**11.1.8 Specific target organ toxicity (single exposure)-**None listed**11.1.9 Specific target organ toxicity (repeated exposure)** = 90 days inhalation: NOAEL: 1 mg/m<sup>3</sup>, (RAT, Male/Female, 6 hours/ day, 5 days/ week). Irritation to lungs and nasal cavity. 2 years inhalation: NOAEL: 0.2 mg/ m<sup>3</sup>, (Rat Male/Female, 6 hours/ day, 5 days a week) Irritation to lungs and nasal cavity.**11.1.10 Aspiration hazard**Assessment: For this endpoint, **no** toxicological test data is available for the whole product.**11.1.11:****Other information:** None**SECTION 12. Ecological Information****12.2 Persistence and degradability**

Biodegradation-0%, exposure time 28 days

**12.3 Bioaccumulative potential**

Rainbow trout, exposure time, 112 days, &lt;1 BCF

**Acute and prolonged toxicity to fish:** LC0.1,000 mg/l (Zebra fish) (brachydanio rerio), 96 hours, LCO: >3,000 mg/l, Kill fish (Oryzias latipes), 96 hour**Acute toxicity to Invertebrates:** EC-50>1000 mg/l (water flea (daphnia magna), 24 hours**Toxicity to aquatic plants:** NOEC: 1640 mg/l, End Point : growth (green Algae (scenedesmus subspicatus), 72 hours.**Toxicity to microorganisms:** EC50.100 mg/l (activated sludge microorganisms), 3 hours).**Acute and Prolonged Toxicity to Fish-** LC50>500 mg/L (Zebra fish (Brachydanio rerio), 24 hours**Acute toxicity to Aquatic Invertebrates:** .EC50>500 mg/L (water flea (daphnia magna), 24 hours)**12.4 Mobility in Soil**

NA.

**12.5 Other adverse effects**

NA



## SECTION 13. Disposal Considerations



### 13.1 RCRA Waste Classification

D0001 Ignitable. This classification applies only to the material as it was originally produced.

### 13.2 Product disposal

Recommended to dispose of according to regulations in a special waste incinerator. Always dispose of any waste in accordance with all local, state, and federal regulations.

### 13.3 Packaging disposal

Completely discharge containers (no tear drops, no residual contents ). Containers may be recycled or be reused. Observe local/state/federal regulations.

## SECTION 14. Transport Information

### 14.1 UN Number:

Not regulated by D.O.T.

### 14.2 UN Proper Shipping Name:

Urethane Resin Solution

### 14.3 Transport hazards class:

NA

### 14.4 Packing Group:

NA

### 14.5 Environmental hazards:

Not relevant

### 14.6 Special precautions for user:

No special precautions

## SECTION 15. Regulatory Information

### 15.1 U.S. Federal Regulations:

#### TSCA No:

This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory.

#### SARA SECTION 302

Extremely Hazardous Substance (40 CFR 355, Appendix A) - None

#### SARA SECTION 311/312 Hazard Categories:

Acute Health hazard: Chronic Health hazard

#### SARA SECTION 313 (Toxic Chemicals)

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and reauthorization Act of 1986 and 40CFR part 372:

<b>CAS #</b>	<b>Chemical</b>	<b>Upper limit wt %</b>
101-68-8	4,4' Diphenylmethane Diisocyanate (MDI)	NE

Reportable Quantity: 5000 lbs.

Note- This product contains a trace amount of phenyl isocyanate (CAS# 103-71-9 and monochlorobenzene (CAS# 108-90-7) as impurities.

**RCRA:**

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by its characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

**CERCLA:**

Components of this product have been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: Fire Hazard, Acute Health Hazard, Chronic Health Hazard

**EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT:**

None listed

**CLEAN AIR ACT:**

This product does not contain any Class I or Class II ozone depleting substances.

**FDA:**

No information

**NTP:**

No information

**OSHA:**

This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

**15.2 U.S. State Regulations:**

**CALIFORNIA PROPOSITION 65:**

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

<b>Chemical Name</b>	<b>CAS#</b>
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This product contains no listed chemicals under Prop 65 for California that have been found to cause cancer.

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

No Proposition 65 reproductive Toxins exist for this product

**MASSACHUSETTS TOXIC USE REDUCTION ACT:**

This material contains no listed components

**NEW JERSEY RIGHT-TO -KNOW:**

This material contains no listed components

**PENNSYLVANIA RIGHT-TO- KNOW:**

This material contains no listed components

**15.3 International regulations:****CANADIAN WHMIS:**

This product has been classified in accordance with the Hazard criteria of the CPR and the SDS contains all of the information required by the CPR

**WHMIS Class:** No information

**DSL Status:** This material or one or more of its components is **not** listed on the Canadian Domestic Substances List.

**EUROPEAN UNION:**

No Information

**IARC:**

No information

**15.4 Other Regulations**

National, state, provincial or local emergency planning, community right to know or other laws, regulations or ordinances may be applicable-consult applicable national, state, provincial or local laws.

**SECTION 16. Other Information**

**Revision Date:** 01-05-16

**Supersedes Date:** 06-01-15

**S.D.S. produced by:** Specco Regulatory Department in accordance with the requirements outlined in the Federal Register, Volume 77, NO.58, March 2012 page 17574. In this final rule, OSHA modified its Hazard Communication Standard (HCS) to conform to the United Nation's Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The modifications to the standard included but were not limited to revised criteria for classification of chemical hazards and a new specified format for Safety Data Sheets.

**Standardized American System for the identification of hazards presented by this product in view of emergency procedures (NFPA 704) / H.M.I.S. Ratings:**

<b>Health:</b>	<b>3</b>	<b>Flammability:</b>	<b>1</b>	<b>Reactivity:</b>	<b>0</b>	<b>Personal Protection:</b>	<b>G</b>
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\* Refer to Section 2 and Section 11 of this SDS

**Regarding Volatile Organic Compounds, gram/liter: N.A. (0)**

**DISCLAIMER: THE VOLATILE ORGANIC COMPOUND (V.O.C.) CONTENT REPORTED HEREIN, IF ANY, IS BASED ON A MATERIAL V.O.C. CALCULATION. NOTE THAT SEVERAL METHODS ARE USED FOR CALCULATING V.O.C. CONTENT AND THAT STANDARDS/REQUIREMENTS REGARDING V.O.C. CONTENT VARY BY LOCATION/JURISDICTION. ACCORDINGLY, SPECCO MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESSED OR IMPLIED, REGARDING THIS MATERIAL'S COMPLIANCE WITH V.O.C. STANDARDS/REQUIREMENTS APPLICABLE IN LOCATIONS/JURISDICTIONS WHERE THIS MATERIAL MAY BE SOLD OR USED.**

**Text for GHS Hazard Statements shown in section 3 describing each ingredient:**

H315	Causes skin irritation
H319	Causes serious eye irritation
H350	May cause cancer
H226	Flammable Liquid or Vapor
H411	Toxic to aquatic life with long lasting effects

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

GHS07



GHS08



GHS09



**Legend:** \* Refer to 49 CFR for possible exceptions and exemptions. Abbreviations: TLV= Threshold Limit Value. TWA= Time Weighted Average. STEL= Short Term Exposure Limit. N.A. = Not Applicable. N.D. = Not Determined, N.E. =Not Established. IATA= International Air Transport Association. IMDG= International Maritime Dangerous Goods.

The information on this SDS was obtained from sources which we believe to be reliable. However, the information provided is without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information and recommendations are offered for the user's consideration and examination and should be used to make an independent determination of the methods to safeguard workers and the environment. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For these reasons we do not assume responsibility and expressly disclaim any liability from loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

