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#### **SECTION 1: IDENTIFICATION**

# 1.1. Product Identifier Product Form: Mixture

Product Name: Motoscooter Tire Sealant
1.2. Intended Use of the Product
Use of the Substance/Mixture: Tire Sealant

#### 1.3. Name, Address, and Telephone of the Responsible Party

#### Company

**Inovex Industries Inc** 

45681 Oakbrook Court, Unit 102

Sterling, VA 201166 USA

703-421-9778

1-888-374-3366 (US Only)

#### 1.4. Emergency Telephone Number

**Emergency Number** : 1-800-255-3924 (24 hours)

#### **SECTION 2: HAZARDS IDENTIFICATION**

#### 2.1. Classification of the Substance or Mixture

#### **GHS-US Classification**

 Acute Tox. 4 (Oral)
 H302

 Resp. Sens. 1
 H334

 Skin Sens. 1
 H317

 STOT RE 2
 H373

Full text of hazard classes and H-statements: see section 16

#### 2.2. Label Elements

#### **GHS-US Labeling**

Hazard Pictograms (GHS-US)





Signal Word (GHS-US) : Danger

Hazard Statements (GHS-US)

: H302 - Harmful if swallowed.

H317 - May cause an allergic skin reaction.

H334 - May cause an allergy or asthma symptoms or breathing difficulties if

inhaled.

H373 - May cause damage to organs through prolonged or repeated exposure.

#### **Precautionary Statements (GHS-US)**

: P260 - Do not breathe vapors, mist, or spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P272 - Contaminated work clothing must not be allowed out of the workplace.

P280 - Wear protective gloves, protective clothing, and eye protection.

P284 - [In case of inadequate ventilation] wear respiratory protection.

P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell.

P302+P352 - If on skin: Wash with plenty of water.

P304+P341 - If inhaled: If breathing is difficult, remove person to fresh air and keep

comfortable for breathing.

P314 - Get medical advice/attention if you feel unwell.

P321 - Specific treatment (see section 4 on this SDS).

P330 - Rinse mouth.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P342+P311 - If experiencing respiratory symptoms: Call a poison center or doctor.

P363 - Wash contaminated clothing before reuse.

P501 - Dispose of contents/container in accordance with local, regional, national,

and international regulations.

#### 2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

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### 2.4. Unknown Acute Toxicity (GHS-US)

No data available

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product Identifier	%	GHS-US classification
Water	(CAS-No.) 7732-18-5	40 - 46	Not classified
Ethylene glycol	(CAS-No.) 107-21-1	37 - 43	Acute Tox. 4 (Oral), H302 STOT RE 2, H373
Proprietary Component 1	(CAS-No.) Proprietary	0.8 - 1.3	Not classified
Proprietary Component 2	(CAS-No.) Proprietary	0.165 - 0.68	Comb. Dust Resp. Sens. 1, H334 Skin Sens. 1, H317
Proprietary Component 3	(CAS-No.) Proprietary	0.08 - 0.325	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:vapor), H331 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 3, H402
Proprietary Component 4	(CAS-No.) Proprietary	0.0425 - 0.0625	Met. Corr. 1, H290 Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 Eye Dam. 1, H318
Proprietary Component 5	(CAS-No.) Proprietary	< 0.01	Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373
Proprietary Component 6	(CAS-No.) Proprietary	< 0.01	Flam. Liq. 4, H227
Proprietary Component 7	(CAS-No.) Proprietary	< 0.01	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 1, H370 Aquatic Acute 3, H402
Proprietary Component 8	(CAS-No.) Proprietary	< 0.01	Flam. Gas 1, H220 Press. Gas (Liq.), H280 Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Inhalation:gas), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Resp. Sens. 1, H334 Skin Sens. 1, H317 Muta. 2, H341 Carc. 1A, H350 STOT SE 1, H370 STOT RE 1, H372 Aquatic Acute 2, H401

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Full text of H-phrases: see section 16

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

### **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:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**First-aid Measures After Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.

**First-aid Measures After Eye Contact:** Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for at least 15 minutes. Obtain medical attention.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

#### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**Symptoms/Injuries:** Harmful if swallowed. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Skin sensitization. May cause damage to organs through prolonged or repeated exposure.

**Symptoms/Injuries After Inhalation:** Exposure may produce cough, mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction.

**Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

**Symptoms/Injuries After Ingestion:** This material is harmful orally and can cause adverse health effects or death in significant amounts.

Chronic Symptoms: Repeated or prolonged exposure may damage kidneys.

#### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

### **SECTION 5: FIRE-FIGHTING MEASURES**

#### 5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### 5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Formaldehyde.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe vapor, mist or spray. Do not get in eyes, on skin, or on clothing.

#### **6.1.1.** For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

#### 6.2. Environmental Precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

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#### 6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

### **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. Avoid breathing vapors, mist, spray. Handle empty containers with care because they may still present a hazard. Do not get in eyes, on skin, or on clothing.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

#### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

#### 7.3. Specific End Use(s)

Tire Sealant

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or the Mexican government.

Proprietary C	Proprietary Component 2		
USA ACGIH	ACGIH TWA (mg/m³)	0.0001 mg/m³ (inhalable particulate matter)	
USA ACGIH	ACGIH chemical category	dermal sensitizer, Skin - potential significant contribution to overall	
		exposure by the cutaneous route	
Proprietary C	Component 1		
USA ACGIH	ACGIH TWA (mg/m³)	5 mg/m³	
Proprietary C	Component 3		
Mexico	OEL TWA (mg/m³)	50 mg/m³	
Mexico	OEL TWA (ppm)	10 ppm	
USA ACGIH	ACGIH TWA (ppm)	2 ppm	
USA ACGIH	ACGIH chemical category	Skin - potential significant contribution to overall exposure by the	
		cutaneous route	
USA NIOSH	NIOSH REL (TWA) (mg/m³)	50 mg/m³	
USA NIOSH	NIOSH REL (TWA) (ppm)	10 ppm	
USA IDLH	US IDLH (ppm)	100 ppm	
USA OSHA	OSHA PEL (TWA) (mg/m³)	50 mg/m³	
USA OSHA	OSHA PEL (TWA) (ppm)	10 ppm	
USA OSHA	Limit value category (OSHA)	prevent or reduce skin absorption	
Proprietary C	Component 4		
USA ACGIH	ACGIH Ceiling (mg/m³)	2 mg/m³	
USA NIOSH	NIOSH REL (ceiling) (mg/m³)	2 mg/m³	
Proprietary C	Component 5		
USA ACGIH	ACGIH TWA (ppm)	0.005 ppm	
USA NIOSH	NIOSH REL (TWA) (mg/m³)	0.05 mg/m <sup>3</sup>	
USA NIOSH	NIOSH REL (TWA) (ppm)	0.005 ppm	
USA NIOSH	NIOSH REL (ceiling) (mg/m³)	0.2 mg/m <sup>3</sup>	
USA NIOSH	NIOSH REL (ceiling) (ppm)	0.02 ppm	
USA IDLH	US IDLH (mg/m³)	75 mg/m <sup>3</sup>	
USA OSHA	OSHA PEL (Ceiling) (mg/m³)	0.2 mg/m³	
USA OSHA	OSHA PEL (Ceiling) (ppm)	0.02 ppm	
	Proprietary Component 6		
USA AIHA	WEEL TWA (ppm)	25 ppm	
Proprietary Component 7			
Mexico	OEL Ceiling (mg/m³)	2 mg/m³	

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USA ACGIH	ACGIH Ceiling (mg/m³)	2 mg/m³	
USA NIOSH	NIOSH REL (ceiling) (mg/m³)	2 mg/m³	
USA IDLH	US IDLH (mg/m³)	10 mg/m³	
USA OSHA	OSHA PEL (TWA) (mg/m³)	2 mg/m³	
Proprietary C	Component 8		
Mexico	OEL Ceiling (mg/m³)	3 mg/m³	
Mexico	OEL Ceiling (ppm)	2 ppm	
USA ACGIH	ACGIH TWA (ppm)	0.1 ppm	
<b>USA ACGIH</b>	ACGIH STEL (ppm)	0.3 ppm	
USA ACGIH	ACGIH chemical category	dermal sensitizer,Confirmed Human Carcinogen	
<b>USA NIOSH</b>	NIOSH REL (TWA) (ppm)	0.016 ppm	
<b>USA NIOSH</b>	NIOSH REL (ceiling) (ppm)	0.1 ppm	
USA IDLH	US IDLH (ppm)	20 ppm	
USA OSHA	OSHA PEL (TWA) (ppm)	0.75 ppm	
USA OSHA	OSHA PEL (STEL) (ppm)	2 ppm (see 29 CFR 1910.1048)	
Ethylene glyd	Ethylene glycol (107-21-1)		
Mexico	OEL Ceiling (mg/m³)	100 mg/m³ (aerosol)	
USA ACGIH	ACGIH TWA (ppm)	25 ppm (vapor fraction)	
USA ACGIH	ACGIH STEL (mg/m³)	10 mg/m³ (inhalable particulate matter, aerosol only)	
USA ACGIH	ACGIH STEL (ppm)	50 ppm (vapor fraction)	
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen	

#### 8.2. Exposure Controls

**Appropriate Engineering Controls** 

: Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment** 

: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.









**Materials for Protective Clothing** 

Hand Protection
Eye and Face Protection
Skin and Body Protection
Respiratory Protection

: Chemically resistant materials and fabrics.

: Wear protective gloves.: Chemical safety goggles.

: Wear suitable protective clothing.

: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory

protection.

Other Information : When using, do not eat, drink or smoke.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State : Liquid

Appearance : No data available
Odor : No data available
Odor Threshold : No data available
pH : 9.8 - 10.2

Evaporation Rate: No data availableMelting Point: No data availableFreezing Point: No data availableBoiling Point: No data availableFlash Point: > 500 °F (260 °C)Auto-ignition Temperature: No data availableDecomposition Temperature: No data available

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Flammability (solid, gas) : Not applicable **Vapor Pressure** : No data available Relative Vapor Density at 20°C : No data available **Relative Density** : No data available **Specific Gravity** 1.04 - 1.06 Solubility : No data available Partition Coefficient: N-Octanol/Water : No data available Viscosity : No data available

**9.2.** Other Information No additional information available

#### **SECTION 10: STABILITY AND REACTIVITY**

- **10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
- **10.3.** Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.
- **10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- 10.6. Hazardous Decomposition Products: None expected under normal conditions of use.

### **SECTION 11: TOXICOLOGICAL INFORMATION**

### 11.1. Information on Toxicological Effects

Acute Toxicity: Oral: Harmful if swallowed.

Bike-On Sealant, Motoscooter Sealant		
ATE (Oral)	1,146.97 mg/kg body weight	
Proprietary Component 1		
LD50 Oral Rat	6400 mg/kg	
LD50 Dermal Rabbit	> 2000 mg/kg	
Proprietary Component 3		
LD50 Oral Rat	1320 mg/kg	
LD50 Dermal Rabbit	1 ml/kg	
LC50 Inhalation Rat	4.3 mg/l/4h	
ATE (Dermal)	300.00 mg/kg body weight	
Proprietary Component 4		
LD50 Oral Rat	284 mg/kg	
Proprietary Component 5		
LD50 Oral Rat	31600 mg/kg	
LD50 Dermal Rabbit	> 9400 mg/kg	
LC50 Inhalation Rat	369 mg/m³ (Exposure time: 4 h)	
ATE (Dust/Mist)	1.50 mg/l/4h	
Proprietary Component 6		
LD50 Oral Rat	6031 mg/kg	
LD50 Dermal Rabbit	9143 mg/kg	
LC50 Inhalation Rat	> 5240 mg/m³ (Exposure time: 4 h)	
Proprietary Component 8		
LD50 Oral Rat	100 mg/kg	
LD50 Dermal Rat	270 mg/kg	
LC50 Inhalation Rat	480 ppm/4h	
Ethylene glycol (107-21-1)		
LD50 Dermal Rat	10600 mg/kg	
ATE (Oral)	500.00 mg/kg body weight	

Skin Corrosion/Irritation: Not classified

**pH:** 9.8 - 10.2

Serious Eye Damage/Irritation: Not classified

**pH:** 9.8 - 10.2

**Respiratory or Skin Sensitization:** May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

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**Germ Cell Mutagenicity:** Not classified **Carcinogenicity:** Not classified.

Proprietary Component 1		
IARC group	3	
Proprietary Component 5		
IARC group 3		
Proprietary Component 8		
IARC group	1	
National Toxicology Program (NTP) Status	Known Human Carcinogens.	
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.	
OSHA Specifically Regulated Carcinogen List In OSHA Specifically Regulated Carcinogen list.		

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard: Not classified

**Ecology - General** 

**Symptoms/Injuries After Inhalation:** Exposure may produce cough, mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

**Symptoms/Injuries After Ingestion:** This material is harmful orally and can cause adverse health effects or death in significant amounts.

: Not classified.

Chronic Symptoms: Repeated or prolonged exposure may damage kidneys.

### SECTION 12: ECOLOGICAL INFORMATION

LCHON	12. LCOLOGICAL IIII ONIVIATION
12.1.	Toxicity

Proprietary Component 1		
LC50 Fish 1	10600 (10600 - 13000) mg/l (Exposure time: 96 h - Species: Pimephales promelas	
	[flow-through])	
EC50 Daphnia 1	1386 mg/l	
LC50 Fish 2	1000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
ErC50 (Algae)	169 mg/l	
NOEC Chronic Crustacea	16 mg/l	
Proprietary Component 3		
LC50 Fish 1	1660 - 1920 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-	
	through])	
EC50 Daphnia 1	83.6 mg/l (Exposure time: 48 h - Species: Daphnia magna Straus)	
ErC50 (Algae)	44 mg/l	
Proprietary Component 6		
LC50 Fish 1	10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])	
EC50 Daphnia 1	3940 - 4670 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
LC50 Fish 2	19100 - 23900 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-	
	through])	
Proprietary Component 7		
LC50 Fish 1	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])	
EC50 Daphnia 1	40 mg/l	
Proprietary Component 8		
LC50 Fish 1	22.6 - 25.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])	
EC50 Daphnia 1	2 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
LC50 Fish 2	1510 μg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])	
EC50 Daphnia 2	11.3 - 18 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])	
Ethylene glycol (107-21-1)		
LC50 Fish 1	41000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)	
EC50 Daphnia 1	46300 mg/l (Exposure time: 48 h - Species: Daphnia magna)	

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LC50 Fish 2	14 - 18 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
NOEC Chronic Crustacea	4.2 mg/l

### 12.2. Persistence and Degradability

Bike-On Sealant, Motoscooter Sealant	
Persistence and Degradability	Not established.

#### 12.3. Bioaccumulative Potential

12.5. Diodecanidative i otential		
Bike-On Sealant, Motoscooter Sealant		
Bioaccumulative Potential	Not established.	
Proprietary Component 1		
BCF Fish 1	3.9	
Log Pow	-2.53	
Proprietary Component 3		
Log Pow	0.21 (at 23 °C)	
Proprietary Component 4		
Log Pow	0.65	
Proprietary Component 6		
Log Pow	-0.8	
Proprietary Component 8		
Log Pow	0.35 (at 25 °C)	
Ethylene glycol (107-21-1)		
Log Pow	-1.93	

### **12.4. Mobility in Soil** No additional information available

### 12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

### 13.1. Waste Treatment Methods

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

**Ecology - Waste Materials:** Avoid release to the environment.

### **SECTION 14: TRANSPORT INFORMATION**

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

- **14.1.** In Accordance with DOT Not regulated for transport
- 14.2. In Accordance with IMDG Not regulated for transport
- 14.3. In Accordance with IATA Not regulated for transport

### **SECTION 15: REGULATORY INFORMATION**

# 15.1. US Federal Regulations

Bike-On Sealant, Motoscooter Sealant		
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard	
	Immediate (acute) health hazard	
Water (7732-18-5)		
Listed on the United States TSCA (Toxic Substances Co	ontrol Act) inventory	
Proprietary Component 1		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Proprietary Component 3		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Proprietary Component 4		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
CERCLA RQ	1000 lb	
Proprietary Component 5		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		

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Subject to reporting requirements of United States SARA Section 313		
CERCLA RQ	5000 lb	
SARA Section 313 - Emission Reporting	1%	
Proprietary Component 6		
Listed on the United States TSCA (Toxic Substances Control	ol Act) inventory	
Proprietary Component 7		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
CERCLA RQ	1000 lb	
Proprietary Component 8		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Listed on the United States SARA Section 302		
Subject to reporting requirements of United States SARA	Section 313	
CERCLA RQ	100 lb	
SARA Section 302 Threshold Planning Quantity (TPQ)	500 lb	
SARA Section 313 - Emission Reporting	0.1 %	
Ethylene glycol (107-21-1)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Subject to reporting requirements of United States SARA Section 313		
CERCLA RQ	5000 lb	
SARA Section 313 - Emission Reporting	1%	

### 15.2. US State Regulations

Proprietary Component 8		
U.S California - Proposition 65 - Carcinogens List	WARNING: This product contains chemicals known to the State of	
	California to cause cancer.	
Ethylene glycol (107-21-1)		
U.S California - Proposition 65 - Developmental	WARNING: This product contains chemicals known to the State of	
Toxicity	California to cause birth defects.	

### **Proprietary Component 1**

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

### **Proprietary Component 3**

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

### **Proprietary Component 4**

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) List

### **Proprietary Component 5**

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) List

### **Proprietary Component 7**

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) List

### Proprietary Component 8

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List

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- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) Special Hazardous Substances
- U.S. Pennsylvania RTK (Right to Know) List

### Ethylene glycol (107-21-1)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) List

### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision

Other Information : This document has been prepared in accordance with the SDS

requirements of the OSHA Hazard Communication Standard 29 CFR

1910.1200

: 11/20/2017

#### **GHS Full Text Phrases:**

uii rext Phrases:	
Acute Tox. 2 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 2
Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 3 (Inhalation:vapor)	Acute toxicity (inhalation:vapor) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Carc. 1A	Carcinogenicity Category 1A
Carc. 2	Carcinogenicity Category 2
Comb. Dust	Combustible Dust
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Gas 1	Flammable gases Category 1
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Met. Corr. 1	Corrosive to metals Category 1
Muta. 2	Germ cell mutagenicity Category 2
Press. Gas (Liq.)	Gases under pressure Liquefied gas
Resp. Sens. 1	Respiratory sensitization, Category 1
Skin Corr. 1A	Skin corrosion/irritation Category 1A
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 1	Specific target organ toxicity (single exposure) Category 1
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H220	Extremely flammable gas
H226	Flammable liquid and vapor
H227	Combustible liquid
H280	Contains gas under pressure; may explode if heated
H290	May be corrosive to metals
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage

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Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H331	Toxic if inhaled
H332	Harmful if inhaled
H334	May cause an allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H341	Suspected of causing genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
H370	Causes damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H401	Toxic to aquatic life
H402	Harmful to aquatic life

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.

SDS US (GHS HazCom)

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