

# SAFETY DATA SHEET

Date Prepared : 5/21/2014

SDS No : 1SOS01

Date Revised : 1/20/2015

Revision No : 4

## 1. PRODUCT AND COMPANY IDENTIFICATION

**GENERAL USE:** ANIMAL HEALTH PRODUCT

**PRODUCT DESCRIPTION:** T-HEXX Dry Teat Protection Sealant {Blue}

**PRODUCT CODE:** 1SOS01

### MANUFACTURER

Hydromer, Inc

35 Industrial Parkway

Branchburg, NJ 08876-3424

**Emergency Contact:** J. Califano

**Emergency Phone:** 908-526-2828

**Alternate Emergency Phone:** 908-526-2828

**E-Mail:** jcalifano@hydromer.com

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**Poison Control Center (Medical) :** (877) 800-5553

**CHEMTREC (US Transportation) :** (800) 424-9300

**CHEMTREC (Outside US) :** (703) 527-3887

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

#### Health:

Eye Irritation

#### Physical:

Flammable Liquids

### GHS LABEL

Highly flammable liquid and vapor



Flame

**SIGNAL WORD:** DANGER

### HAZARD STATEMENTS

H225: Highly flammable liquid and vapour.

### PRECAUTIONARY STATEMENT(S)

#### Prevention:

P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P241: Use explosion-proof electrical/ventilating/lighting/.../ equipment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P240: Ground/bond container and receiving equipment.

#### Response:

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

#### Disposal:

P501: Dispose of contents/container to ...

### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Viscous blue liquid

**IMMEDIATE CONCERNS:** Extremely flammable liquid and vapor.

### POTENTIAL HEALTH EFFECTS

**EYES:** Contact causes severe eye irritation.

**SKIN:** Causes skin irritation.

**SKIN ABSORPTION:** Not Established

**INGESTION:** Harmful if swallowed

**INHALATION:** High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness).

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**CARCINOGENICITY:** None**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Proprietary Polymer Blend	Trade secret	Mixture
Ethyl Alcohol	~ 50 - 55	64-17-5
Acetic Acid Ethyl Ester	~ 8 - 9	141-78-6
Triclosan	~ 0.1	3380-34-5

**4. FIRST AID MEASURES****EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.**SIGNS AND SYMPTOMS OF OVEREXPOSURE****EYES:** Causes serious eye irritation.**SKIN:** Contact causes skin irritation.**SKIN ABSORPTION:** Not Established**INGESTION:** May cause vomiting.**INHALATION:** Causes respiratory tract irritation..**5. FIRE FIGHTING MEASURES****EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.**HAZARDOUS COMBUSTION PRODUCTS:** Formation of toxic gases is possible during heating or in case of fire.**EXPLOSION HAZARDS:** Not Established**FIRE FIGHTING PROCEDURES:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.**FIRE EXPLOSION:** Not Established**HAZARDOUS DECOMPOSITION PRODUCTS:** Not Established**6. ACCIDENTAL RELEASE MEASURES****SMALL SPILL:** Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust.**LARGE SPILL:** Avoid release to the environment.**ENVIRONMENTAL PRECAUTIONS****WATER SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.**LAND SPILL:** Avoid release to the environment.**AIR SPILL:** Not Established**GENERAL PROCEDURES:** Remove all sources of ignition**RELEASE NOTES:** Avoid release to the environment**SPECIAL PROTECTIVE EQUIPMENT:** Wear protective equipment. Keep unprotected persons away. Wear protective clothing.**7. HANDLING AND STORAGE****GENERAL PROCEDURES:** Avoid contact with eyes, skin, and clothing.**HANDLING:** Follow all MSDS/label precautions even after container is emptied because it may retain product residues.**STORAGE:** Store in a cool dry place.**STORAGE TEMPERATURE:** Storage temperature 0 C to 35 C in closed containers**SHELF LIFE:** 36 months from the date of manufacture when stored in an unopened container**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Ethyl Alcohol	TWA	1000	1900	1000	1884		
Acetic Acid Ethyl Ester	TWA	400	1400	400	1440	NL	NL
	STEL					NL	NL

**ENGINEERING CONTROLS:** Mechanical ventilation recommended.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Wear safety glasses with side shields (or goggles) and a face shield.

**SKIN:** Wear protective gloves/protective clothing/eye protection/face protection.

**RESPIRATORY:** Use self-contained breathing apparatus in high vapor concentrations

**PROTECTIVE CLOTHING:** Wear protective gloves/protective clothing/eye protection/face protection.

**WORK HYGIENIC PRACTICES:** Handle in accordance with good industrial hygiene and safety practices. Wash hands immediately after handling the product

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Viscous liquid

**APPEARANCE:** blue viscous liquid

**COLOR:** blue

**PERCENT VOLATILE:** 70.0 at 145°C

**FLASH POINT AND METHOD:** ~ 6°C to 7°C Closed cup

**FLAMMABLE LIMITS:** > 3.3 % to < 19 %

**Notes:** For Ethanol

**AUTOIGNITION TEMPERATURE:** 425°C

**BOILING POINT:** ~ 78°C

**MELTING POINT:** Not yet Determined

**SOLUBILITY IN WATER:** miscible in water

**SPECIFIC GRAVITY:** ~ 0.86 to 0.910 g/cm<sup>3</sup> at 20°C (DIN 51757)

**10. STABILITY AND REACTIVITY**

**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Heat, open flame, sources of ignition such as static discharge during dry, cold weather

**POSSIBILITY OF HAZARDOUS REACTIONS:** Not yet Determined

**HAZARDOUS DECOMPOSITION PRODUCTS:** Decomposition products may include the following materials:

Carbon oxides, nitrogen oxides (NO<sub>x</sub>), Sulfur oxides, Oxides of phosphorus

**INCOMPATIBLE MATERIALS:** Oxidizing materials.

**11. TOXICOLOGICAL INFORMATION**

**EYE EFFECTS:** Causes serious eye irritation.

**SKIN EFFECTS:** Causes irritation

**CARCINOGENICITY**

**IARC:** No component of this product present at levels  $\geq$  0.1 % is identified as probable, possible or confirmed human carcinogen by IARC

**NTP:** No component of this product present at levels  $\geq$  0.1% is identified as a known or anticipated carcinogen by NTP

**OSHA:** No component of this product present at levels  $\geq$  0.1 % is identified as a carcinogen or potential carcinogen by OSHA

**REPEATED DOSE EFFECTS:** Not Established

**IRRITATION:** Causes irritation

**CORROSIVITY:** None Expected.

**SENSITIZATION:** Not Established

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**12. ECOLOGICAL INFORMATION**

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**ENVIRONMENTAL DATA:** Avoid runoff into storm sewers and ditches which lead to waterways.**ECOTOXICOLOGICAL INFORMATION:** Not Established**BIOACCUMULATION/ACCUMULATION:** Not Established**DISTRIBUTION:** Not Established**CHEMICAL FATE INFORMATION:** Not Established

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**13. DISPOSAL CONSIDERATIONS**

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**DISPOSAL METHOD:** Dispose of in accordance with applicable regulations**FOR LARGE SPILLS:** Avoid release into the environment**PRODUCT DISPOSAL:** Dispose of in accordance with applicable regulations and prudent regard for minimizing environmental impact**EMPTY CONTAINER:** Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not use empty containers

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**14. TRANSPORT INFORMATION**

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**DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Resin Solution**PRIMARY HAZARD CLASS/DIVISION:** 3**UN/NA NUMBER:** 1866**PACKING GROUP:** II**MARINE POLLUTANT #1:** No**SPECIAL SHIPPING NOTES:** The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.**ROAD AND RAIL (ADR/RID)****PROPER SHIPPING NAME:** Resin Solution**UN NUMBER:** 1866**KEMLER NUMBER:** Not Established**HAZARD CLASS:** 3**CLASSIFICATION CODE:** 3**PACKING GROUP:** II**LIMITED QUANTITY:** Yes**SPECIAL PROVISIONS:** Not Established**AIR (ICAO/IATA)****SHIPPING NAME:** Resin Solution**UN/NA NUMBER:** 1866**PRIMARY HAZARD CLASS/DIVISION:** 3**PACKING GROUP:** II**VESSEL (IMO/IMDG)****SHIPPING NAME:** Resin Solution**UN/NA NUMBER:** 1866**PRIMARY HAZARD CLASS/DIVISION:** 3**PACKING GROUP:** II**LIMITED QUANTITY:** Yes**EmS:** F-E, S-D**MARINE POLLUTANT #1:** No**CANADA TRANSPORT OF DANGEROUS GOODS****SHIPPING NAME:** Resin Solution**UN/NA NUMBER:** 1866**PRIMARY HAZARD CLASS/DIVISION:** 3**PACKING GROUP:** II

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**15. REGULATORY INFORMATION**

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**UNITED STATES****DOT LABEL SYMBOL AND HAZARD CLASSIFICATION**

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Flammable  
Liquid

R12: Extremely flammable.

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** None

**313 REPORTABLE INGREDIENTS:** None

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

Chemical Name	Wt.%	CERCLA RQ
Acetic Acid Ethyl Ester	~ 8 - 9	5,000

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS	TSCA SECTION
Ethyl Alcohol	64-17-5	
Acetic Acid Ethyl Ester	141-78-6	12b,

**TSCA REGULATORY:** On the TSCA Inventory {United States}

**CALIFORNIA PROPOSITION 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm

**FDA (FOOD AND DRUG ADMINISTRATION):** The product is listed with FDA

**CANADA**

**WHMIS HAZARD SYMBOL AND CLASSIFICATION**



Flammable  
Liquid

R12: Extremely flammable.

**WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):** Not considered a WHMIS controlled product

**WHMIS CLASS:** This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

**16. OTHER INFORMATION**

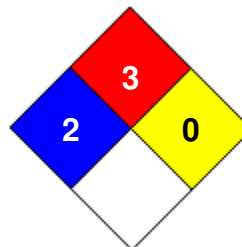
**PREPARED BY:** J. Califano **Date Revised:** 1/20/2015

**REVISION SUMMARY:** This SDS replaces the 1/14/2015 SDS. Revised: **Section 10:** STABLE.

**HMIS RATING**

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	<input type="checkbox"/>	3
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	C

**NFPA CODES**



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**NOTE:**

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