

# SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **TRINIC H-12 Water Based Concrete Sealer** PRODUCT DESCRIPTION: POLYURETHANE /ACRYLIC BLEND PART A

MANUFACTURER'S NAME: Trinic LLC, 522 Cascade Valley Road, Windsor NY 13865

INFORMATION TEL: 800-475-1975

EMERGENCY TEL NUMBER: Chemtrec 800-424-9300 DATE PREPARED: **NOVEMBER 2014** 

#### SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

THIS MATERIAL CONTAINS NO INGREDIENTS REQUIRING DISCLOSURE UNDER REGULATORY HAZARD CRITERIA.

### **SECTION 3 - PHYSICAL AND CHEMICAL PROPERTIES**

FORM: LIQUID **ODOR: SLIGHT** 

**AUTOIGNITION TEMPERATURE NOT APPLICABLE** 

FLASH POINT NOT DETERMINED

FLAMMABLE LIMITS - LEL NOT APPLICABLE FLAMMABLE LIMITS - UEL NOT APPLICABLE

**BOILING POINT NOT DETERMINED** 

FREEZING POINT NOT DETERMINED

**DENSITY NOT DETERMINED** 

VAPOR DENSITY NO DATA AVAILABLE VAPOR PRESSURE NOT DETERMINED

**SPECIFIC GRAVITY 1.05 (25 DEGREES CELSIUS** 

PH NO DATA

**MELTING POINT NOT APPLICABLE** 

SOLUBILITY IN WATER SOLUBLE

**VOLATILE ORGANIC COMPOUNDS = 0** 

# **SECTION 4 - FIRE-FIGHTING MEASURES**

## FLAMMABLE PROPERTIES—NOT APPLICABLE

EXTINGUISHING MEDIA— FOAM/CARBON DIOXIDE/DRY CHEMICAL/WATER FOG

PROTECTION OF FIRE FIGHTERS— WEAR SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS— CLOSED CONTAINERS MAY RUPTURE DUE TO BUILD-UP OF PRESSURE WHEN EXPOSED TO EXTREME HEAT.

# **SECTION 5 – STABILITY AND REACTIVITY**

### STABILITY: STABLE.

MATERIALS AND CONDITIONS TO AVOID (STABILITY): AVOID EXCESSIVE HEAT, OPEN FLAME, SPARKS AND STRONG OXIDIZING AGENTS. PROTECT FROM ATMOSPHERIC MOISTURE. REPLACE OUTAGE WITH INERT DRY NITROGEN. AVOID WATER, ACID, BASE (ALKALIS, AMMONIA), ALCOHOLS, METAL COMPOUNDS.

HAZARDOUS POLYMERIZATION: HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

**DECOMPOSITION TEMPERATURE: NOT DETERMINED** 

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN OXIDES.

CONDITIONS TO AVOID (POLYMERIZATION): AVOID INCOMPATIBLE REACTANTS, ESPECIALLY STRONG BASES, WATER OR TEMPERATURES OVER 160° CENTIGRADE.

# **SECTION 6 - HAZARDS IDENTIFICATION**

HMIS HAZARD CLASSIFICATION

HEALTH: 2 FLAMMIBILITY: 1 **REACTIVITY: 1** PERSONAL PROTECTIVE EQUIPMENT: B

INHALATION: MAY CAUSE NAUSEA AND RESPIRATORY TRACT IRRITATION. MAY CAUSE RESPIRATORY SENSITIZATION.. INGESTION NO SIGNIFICANT SIGNS OF ANY ADVERSE HEALTH HAZARDS.

SKIN CONTACT PRODUCT IS A SLIGHT SKIN IRRITANT.

EYE CONTACT MILD EYE IRRITANT.



ACUTE HEALTH HAZARDS: ACUTE INGESTION CAUSES BURNING OF THE MOUTH, THROAT, AND STOMACH WITH ABDOMINAL PAIN. ACUTE INHALATION OF VAPORS AND MIST CAN CAUSE NASAL DISCHARGE AND PAIN IN THE EYES.
CHRONIC HEALTH HAZARDS: IF MISTED OR AT HIGH CONCENTRATIONS, MAY CAUSE PALLOR, NAUSEA, ANESTHETIC OR NARCOTIC EFFECTS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

SKIN AND EYE SENSITIZATION. DEPENDING ON INDIVIDUAL SKIN SENSITIVITY, CHRONIC OR PROLONGED EXPOSURE MAY RESULT IN IRRITATION, BLISTERING, BURNING AND PEELING OF SKIN LAYERS.

CARCINOGENICITY: OSHA: NO DATA ACGIH: NO DATA NTP: NO DATA IARC: NO DATA

#### **SECTION 7 - FIRST AID MEASURES**

INHALATION: MOVE TO FRESH AIR.

EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF EASY TO DO, REMOVE CONTACT LENSES. IF EYE IRRITATION PERSISTS. SEEK MEDICAL ATTENTION.

SKIN: WASH WITH SOAP AND WATER. IF SKIN IRRITATION OR AN ALLERGIC SKIN REACTION DEVELOPS, GET MEDICAL ATTENTION. WASH CONTAMINATED CLOTHING BEFORE REUSE. THOROUGHLY CLEAN SHOES BEFORE REUSE.

ON. WASH CONTAMINATED CLOTHING BEFORE REUSE. THOROUGHLY CLEAN SHOES BEFORE REUSE INGESTION: TREAT SYMPTOMATICALLY. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

# SECTION 8 - ACCIDENTAL RELEASE MEASURES

STANDARD HYDROCARBON SPILL PROCEDURES APPLY TO THIS PRODUCT.

**SECTION 9 - WASTE DISPOSAL** 

WASTE DISPOSAL METHOD: USE EXCESS PRODUCT IN AN ALTERNATE BENEFICIAL APPLICATION. DISPOSE OF ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS.

RCRA HAZARD CLASS: NON-REGULATED

# SECTION 10 - HANDLING AND STORAGE

PREVENT ALL SKIN AND EYE CONTACT. AVOID BREATHING VAPORS. RE-SEAL PARTIALLY USED CONTAINERS. WASH WITH SOAP AND WATER BEFORE EATING OR DRINKING. PROTECT FROM MOISTURE CONTAMINATION. EXOTHERMIC GENERATION OF CARBON DIOXIDE MAY CAUSE DANGEROUS PRESSURE.

# SECTION 11 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

**EXPOSURE LIMITS NONE ESTABLISHED** 

**ENGINEERING CONTROLS USE WITH ADEQUATE VENTILATION** 

GLOVES PROCEDURES AVOID PROLONGED SKIN CONTACT. CHEMICALLY PROTECTED GLOVES MAY BE WORN.

EYE PROTECTION SAFETY GLASSES

RESPIRATORY PROTECTION USE NIOSH/MSHA APPROVED RESPIRATOR WITH A COMBINATION ORGANIC VAPOR AND HIGH EFFICIENCY FILTER CARTRIDGE IF RECOMMENDED EXPOSURE LIMIT IS EXCEEDED. USE SELF CONTAINED BREATHING APPARATUS FOR CONFINED SPACED OR POORLY VENTILATED AREAS OR LARGE CLEANUP SITES. CLOTHING

RECOMMENDATION DO NOT WEAR RINGS, WATCHES, OR SIMILAR APPAREL THAT COULD ENTRAP THE MATERIAL AND CAUSE A SKIN REACTION.

### **SECTION 12 - TOXI COLOGICAL INFORMATION**

NO DATA

### **SECTION 13 - ECOLOGICAL INFORMATION**

NO DATA

### **SECTION 14 – TRANSPORTATION INFORMATION**

DOT (USA): CLASS NOT REGULATED.

ICAO/IATA I & II STATUS: CLASS NOT REGULATED.

IMDG STATUS: CLASS NOT REGULATED.

IMDG EMS FIRE: NOT APPLICABLE. IMDG EMS SPILL: NOT APPLICABLE. IMDG MFAG: NOT APPLICABLE.

MARPOL ANNEX II: NOT DETERMINED. USCG COMPATIBILITY: NOT DETERMINED.

US DOT BULK: NOT REGULATED US DOT NON-BULK: NOT REGULATED.



DOT NAERG: NOT APPLICABLE. TDG BULK: NOT REGULATED. TDG NON-BULK: NOT REGULATED. MEXICO: NOT REGULATED. MEXICO NON-BULK: NOT REGULATED.

#### **SECTION 15 - REGULATORY INFORMATION**

# **U.S. FEDERAL REGULATIONS**

TSCA (TOXIC SUBSTANCE CONTROL ACT): SECTION 12(B) EXPORT NOTIFICATION. THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF TSCA 12(B) IF EXPORTED FROM THE UNITED STATES: THERE ARE NO TSCA 12(B) CHEMICALS IN THIS PRODUCT.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION AND LIABILITY ACT): CERCLA SECTION 103(A) SPECIFICALLY REQUIRES THE PERSON IN CHARGE OF A VESSEL OR FACILITY TO REPORT IMMEDIATELY TO THE NATIONAL RESPONSE CENTER (NRC) A RELEASE OF A HAZARDOUS SUBSTANCE WHOSE AMOUNT EQUALS OR EXCEEDS THE ASSIGNED RQ. THE FOLLOWING HAZARDOUS SUBSTANCES ARE CONTAINED IN THIS PRODUCT: CHEMICAL NAME- SEE SECTION 2

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA 'HAZARD CATEGORIES' PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORIES: 311/312

HAZARD CATEGORIES: IMMEDIATE (ACUTE) HEALTH HAZARD, DELAYED (CHRONIC) HEALTH HAZARD: SEE SECTION 3 313 REPORTABLE INGREDIENTS: THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372: CHEMICAL NAME- SEE SECTION 2

STATE REGULATIONS: CALIFORNIA PROPOSITION 65. THE CHEMICALS(S) NOTED BELOW AND CONTAINED IN THIS PRODUCT ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. UNLESS OTHERWISE SPECIFIED IN SECTION 2 OF THIS MSDS, THESE CHEMICALS ARE PRESENT AT <0.1%: THERE ARE NO PROPOSITION 65 CHEMICALS KNOWN TO EXIST IN THIS PRODUCT.

### **SECTION 16 - OTHER INFORMATION**

TSCA INVENTORY: ALL COMPONENTS OF THIS PRODUCT ARE INCLUDED, OR ARE EXEMPT FROM INCLUSION, IN THE EPA TOXIC SUBSTANCE CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.

CANADIAN DSL: ALL COMPONENTS OF THIS PRODUCT ARE INCLUDED, OR ARE EXEMPT FROM INCLUSION, IN THE CANADIAN DOMESTIC SUBSTANCE LIST (DSL).

We believe the statements, technical information and recommendations herein are reliable, but given without warranty or guarantee of any kind expressed or implied and we assume no responsibility for any loss, damage, expense direct or consequential, arising from their use



# **SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: TRINIC HP

PRODUCT DESCRIPTION: CATALYST PART B

MANUFACTURER'S NAME: Trinic LLC

522 Cascade Valley Road, Windsor, NY 13865

INFORMATION TEL: 717-823-7408

EMERGENCY TEL NUMBER: Chemtrec 800-424-9300 DATE PREPARED: NOVEMBER 2014

### SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

**HAZARDOUS COMPONENTS CAS#** 

**HEXAMETHYLENE-1,6-DIISOCYANATE 822-06-0** 

**HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE 28182-81-2** 

HYDROPHILIC ALIPHATIC POLYISOCYANATE BASED ON

HEXAMETHYLENE DIISOCYANATE PROPRIETARY

### **SECTION 3 – PHYSICAL AND CHEMICAL PROPERTIES**

FORM: LIQUID ODOR: SLIGHT

**AUTOIGNITION TEMPERATURE NOT APPLICABLE** 

**FLASH POINT 365 FAHRENHEIT** 

FLAMMABLE LIMITS - LEL NOT APPLICABLE FLAMMABLE LIMITS - UEL NOT APPLICABLE

BOILING POINT NOT DETERMINED FREEZING POINT NOT DETERMINED

**DENSITY NOT DETERMINED** 

VAPOR DENSITY NO DATA AVAILABLE VAPOR PRESSURE NOT DETERMINED

**SPECIFIC GRAVITY 1.15 (25 DEGREES CELSIUS** 

PH NO DATA

MELTING POINT NOT APPLICABLE SOLUBILITY IN WATER REACTS VOLATILE ORGANIC COMPOUNDS = 0

# **SECTION 4 – FIRE-FIGHTING MEASURES**

# FLAMMABLE PROPERTIES—NOT APPLICABLE

 ${\bf EXTINGUISHING\ MEDIA-FOAM/CARBON\ DIOXIDE/DRY\ CHEMICAL/WATER\ FOG}$ 

PROTECTION OF FIRE FIGHTERS— WEAR SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS— CLOSED CONTAINERS MAY RUPTURE DUE TO BUILD-UP OF PRESSURE WHEN

EXPOSED TO EXTREME HEAT.

# SECTION 5 - STABILITY AND REACTIVITY

STABILITY: STABLE.

MATERIALS AND CONDITIONS TO AVOID (STABILITY): AVOID EXCESSIVE HEAT, OPEN FLAME, SPARKS AND STRONG OXIDIZING AGENTS. PROTECT FROM ATMOSPHERIC MOISTURE. REPLACE OUTAGE WITH INERT DRY NITROGEN. AVOID WATER, ACID, BASE (ALKALIS, AMMONIA), ALCOHOLS, METAL COMPOUNDS.

HAZARDOUS POLYMERIZATION: HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

**DECOMPOSITION TEMPERATURE: NOT DETERMINED** 

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: ISOCYANATE VAPORS OR MIST, CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN OXIDES.

CONDITIONS TO AVOID (POLYMERIZATION): AVOID INCOMPATIBLE REACTANTS, ESPECIALLY STRONG BASES, WATER OR TEMPERATURES OVER 160° CENTIGRADE.



HMIS HAZARD CLASSIFICATION

**HEALTH: 2** FLAMMIBILITY: 1 **REACTIVITY: 1** PERSONAL PROTECTIVE EQUIPMENT: B

INHALATION: MAY CAUSE NAUSEA AND RESPIRATORY TRACT IRRITATION. MAY CAUSE RESPIRATORY SENSITIZATION.. INGESTION NO SIGNIFICANT SIGNS OF ANY ADVERSE HEALTH HAZARDS.

SKIN CONTACT PRODUCT IS A SLIGHT SKIN IRRITANT.

EYE CONTACT MILD EYE IRRITANT.

ACUTE HEALTH HAZARDS: NO INFORMATION IS AVAILABLE ON THE ACUTE HEALTH HAZARDS OF THIS PRODUCT. BASED UPON DATA FROM TESTING OF SIMILAR PRODUCTS, NO SIGNIFICANT EFFECTS ARE EXPECTED.

CHRONIC HEALTH HAZARDS: IF MISTED OR AT HIGH CONCENTRATIONS, MAY CAUSE PALLOR, NAUSEA, ANESTHETIC OR NARCOTIC EFFECTS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

SKIN AND EYE SENSITIZATION. DEPENDING ON INDIVIDUAL SKIN SENSITIVITY, CHRONIC OR PROLONGED EXPOSURE

MAY RESULT IN IRRITATION, BLISTERING, BURNING AND PEELING OF SKIN LAYERS.

CARCINOGENICITY: OSHA: NO DATA ACGIH: NO DATA NTP: NO DATA IARC: NO DATA

### **SECTION 7 - FIRST AID MEASURES**

INHALATION: MOVE TO FRESH AIR.

EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF EASY TO DO, REMOVE CONTACT LENSES. IF EYE IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

SKIN: WASH WITH SOAP AND WATER. IF SKIN IRRITATION OR AN ALLERGIC SKIN REACTION DEVELOPS, GET MEDICAL

ATTENTION. WASH CONTAMINATED CLOTHING BEFORE REUSE. THOROUGHLY CLEAN SHOES BEFORE REUSE.

INGESTION: TREAT SYMPTOMATICALLY. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

#### **SECTION 8 – ACCIDENTAL RELEASE MEASURES**

AVOID CONTACT WITH MATERIAL. STOP SPILL AT SOURCE, PUMP LIQUID TO SALVAGE CONTAINER. REMAINING LIQUID MAY BE TAKEN UP ON CLAY, DIATOMACEOUS EARTH, OR OTHER ABSORBENT. TREAT WITH 3-8% CONCENTRATION OF AMMONIUM HYDROXIDE OR 5-10% SODIUM CARBONATE. ADD 10 PARTS NEUTRALIZING SOLUTION/PART ISOCYANATE. LET STAND 48 HOURS.

# **SECTION 9 - WASTE DISPOSAL**

WASTE DISPOSAL METHOD: WASTE DISPOSAL SHOULD BE IN ACCORDANCE WITH EXISTING FEDERAL, STATE AND LOCAL **ENVIRONMENTAL CONTROL LAWS.** 

INCINERATION IS THE PREFERRED METHOD.

EMPTY CONTAINERS RETAIN PRODUCT RESIDUE; OBSERVE ALL PRECAUTIONS FOR PRODUCT. DO NOT HEAT OR CUT EMPTY CONTAINER WITH ELECTRIC OR GAS TORCH BECAUSE HIGHLY TOXIC VAPORS AND GASES ARE FORMED. DO NOT REUSE WITHOUT THOROUGH COMMERCIAL CLEANING AND RECONDITIONING. IF CONTAINER IS TO BE DISPOSED, ENSURE ALL PRODUCT RESIDUES ARE REMOVED PRIOR TO DISPOSAL.

**RCRA HAZARD CLASS: NON-REGULATED** 

# **SECTION 10 - HANDLING AND STORAGE**

PREVENT ALL SKIN AND EYE CONTACT, AVOID BREATHING VAPORS, RE-SEAL PARTIALLY USED CONTAINERS, WASH WITH SOAP AND WATER BEFORE EATING OR DRINKING. PROTECT FROM MOISTURE CONTAMINATION. EXOTHERMIC GENERATION OF CARBON DIOXIDE MAY CAUSE DANGEROUS PRESSURE.

# SECTION 11 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

EXPOSURE LIMITS NONE ESTABLISHED

**ENGINEERING CONTROLS USE WITH ADEQUATE VENTILATION** 

GLOVES PROCEDURES AVOID PROLONGED SKIN CONTACT. CHEMICALLY PROTECTED GLOVES MAY BE WORN.

**EYE PROTECTION SAFETY GLASSES** 

RESPIRATORY PROTECTION USE NIOSH/MSHA APPROVED RESPIRATOR WITH A COMBINATION ORGANIC VAPOR AND HIGH EFFICIENCY FILTER CARTRIDGE IF RECOMMENDED EXPOSURE LIMIT IS EXCEEDED. USE SELF CONTAINED BREATHING APPARATUS FOR CONFINED SPACED OR POORLY VENTILATED AREAS OR LARGE CLEANUP SITES. **CLOTHING** 

RECOMMENDATION DO NOT WEAR RINGS, WATCHES, OR SIMILAR APPAREL THAT COULD ENTRAP THE MATERIAL AND CAUSE A SKIN REACTION.



### **SECTION 12 - TOXI COLOGICAL INFORMATION**

TOXICOLOGICAL INFORMATION:

**ACUTE ORAL TOXICITY** 

LD50: > 5,000 MG/KG (RAT) ESTIMATED VALUE

**ACUTE INHALATION TOXICITY** 

LC50: 390-453 MG/M3, 4 H (RAT, MALE/FEMALE)

RD50: 20.8 MG/M3, 3 H **ACUTE DERMAL TOXICITY** LD50: > 5,000 MG/KG (RABBIT)

RABBIT, DRAIZE, SLIGHTLY IRRITATING

**EYE IRRITATION** 

RABBIT, DRAIZE, SLIGHTLY IRRITATING

SENSITISATION

**DERMAL: SENSITIZER (GUINEA PIG, MAXIMIZATION TEST)** 

**DERMAL: NON-SENSITIZER (GUINEA PIG, BUEHLER)** 

INHALATION: NON-SENSITIZER (GUINEA PIG)

REPEATED DOSE TOXICITY

3 WKS, INHALATION: NOAEL: 3.7 - 4.3 MG/M3, (RAT) 90 D, INHALATION: NOAEL: 3.3 - 3.4 MG/M3, (RAT) IRRITATION TO LUNGS AND NASAL CAVITY.

MUTAGENICITY

**GENETIC TOXICITY IN VITRO:** 

**CHROMOSOME ABERRATION TEST IN VITRO: NEGATIVE** TOXICOLOGICAL STUDIES OF A COMPARABLE PRODUCT.

POINT MUTATION IN MAMMALIAN CELLS (HPRT TEST): NEGATIVE

TOXICOLOGICAL STUDIES OF A COMPARABLE PRODUCT.

AMES: NEGATIVE (SALMONELLA TYPHIMURIUM, METABOLIC ACTIVATION: WITH/WITHOUT)

# **SECTION 13 - ECOLOGICAL INFORMATION**

## **BIODEGRADATION**

0 %, EXPOSURE TIME: 28 DAYS, NOT READILY BIODEGRADABLE.

**ACUTE AND PROLONGED TOXICITY TO FISH** 

LC0: > 100 MG/L (ZEBRA FISH (BRACHYDANIO RERIO), 96 H)

**ACUTE TOXICITY TO AQUATIC INVERTEBRATES** 

EC0: > 100 MG/L (WATER FLEA (DAPHNIA MAGNA), 48 H)

TOXICITY TO AQUATIC PLANTS

EC50: > 1,000 MG/L, (GREEN ALGAE (SCENEDESMUS SUBSPICATUS), 72 H)
TOXICITY TO MICROORGANISMS

EC50: > 1,000 MG/L, (ACTIVATED SLUDGE MICROORGANISMS, 3 H)

### **SECTION 14 - TRANSPORTATION INFORMATION**

DOT (USA): CLASS NOT REGULATED.

ICAO/IATA I & II STATUS: CLASS NOT REGULATED.

IMDG STATUS: CLASS NOT REGULATED. IMDG EMS FIRE: NOT APPLICABLE. IMDG EMS SPILL: NOT APPLICABLE.

IMDG MFAG: NOT APPLICABLE.

MARPOL ANNEX II: NOT DETERMINED. USCG COMPATIBILITY: NOT DETERMINED.

US DOT BULK: NOT REGULATED

US DOT NON-BULK: NOT REGULATED.

DOT NAERG: NOT APPLICABLE. TDG BULK: NOT REGULATED. TDG NON-BULK: NOT REGULATED.

MEXICO: NOT REGULATED. MEXICO NON-BULK: NOT REGULATED.

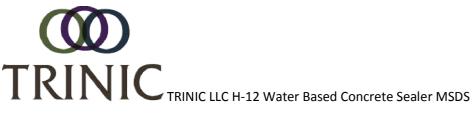
# **SECTION 15 - REGULATORY INFORMATION**

# **U.S. FEDERAL REGULATIONS**

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CERCLA (COMPREHENSIVE RESPONSE COMPENSATION AND LIABILITY ACT): CERCLA SECTION 103(A) SPECIFICALLY REQUIRES THE PERSON IN CHARGE OF A VESSEL OR FACILITY TO REPORT IMMEDIATELY TO THE NATIONAL RESPONSE CENTER (NRC) A RELEASE OF A HAZARDOUS SUBSTANCE WHOSE AMOUNT EQUALS OR EXCEEDS THE ASSIGNED RQ. THE FOLLOWING HAZARDOUS SUBSTANCES ARE CONTAINED IN THIS PRODUCT: CHEMICAL NAME- SEE SECTION 2

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA 'HAZARD CATEGORIES' PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENTS AND



REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE **FOLLOWING CATEGORIES:** 

311/312 HAZARD CATEGORIES: IMMEDIATE (ACUTE) HEALTH HAZARD, DELAYED (CHRONIC) HEALTH HAZARD: SEE SECTION 3 313 REPORTABLE INGREDIENTS: THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 **CFR PART 372: CHEMICAL NAME- SEE SECTION 2** 

STATE REGULATIONS: CALIFORNIA PROPOSITION 65. THE CHEMICALS(S) NOTED BELOW AND CONTAINED IN THIS PRODUCT ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. UNLESS OTHERWISE SPECIFIED IN SECTION 2 OF THIS MSDS, THESE CHEMICALS ARE PRESENT AT <0.1%: THERE ARE NO PROPOSITION 65 CHEMICALS KNOWN TO EXIST IN THIS PRODUCT.

# **SECTION 16 – OTHER INFORMATION**

#### NFPA HAZARD CLASSIFICATION

HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 1 SPECIAL HAZARDS: NONE

TSCA INVENTORY: ALL COMPONENTS OF THIS PRODUCT ARE INCLUDED, OR ARE EXEMPT FROM INCLUSION, IN THE EPA TOXIC SUBSTANCE CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.

CANADIAN DSL: ALL COMPONENTS OF THIS PRODUCT ARE INCLUDED, OR ARE EXEMPT FROM INCLUSION, IN THE CANADIAN DOMESTIC SUBSTANCE LIST (DSL).

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, expressed or implied, and we assume no responsibility for any loss, damage, expense, direct or consequential, arising from their use.