

**PRODUCT NAME: #STREETBOND CLEAR SEALER****PRODUCT CODE: SB-SC-B2****~~~~ SECTION 1 ~~~~ MANUFACTURER IDENTIFICATION ~~~~**

**Manufacturer's Name** : Quest Construction Products LLC  
**Address** : 1465 Pipefitter Street  
: N. Charleston, SC 29405  
: INITIAL (FIRST CALL) CHEMTREC (800) 424-9300  
**INFORMATION PHONE** : 480-754-8900  
**TOLL FREE** : BACKUP (800) 541-4383

**DATE REVISED** : October 2011**~~~~ SECTION 2 ~~~~ HAZARDOUS INGREDIENTS/SARA III INFORMATION ~~~~**

| Reportable Components   | CAS Number        | MM HG @ Temp | Weight % |
|---|-------------------|--------------|----------|
| 2,2,4-Trimethyl-1,3-Pentanediol Monoisobutyrate   | 25265-77-40.0168F |              | 1        |
| No occupational exposure limits have been established for this chemical   |                   |              |          |
| Dipropylene Glycol N-Butyl Ether  | 29911-28-2        | 0.04 68F/20C | 1        |
| No OSHA or ACGIH exposure established for this raw material.  |                   |              |          |
| Manufacturer recommends 10mg/m3 (as an aerosol)   |                   |              |          |
| Non Hazardous Ingredients   | NA                | NA           | 98       |
| *** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. *** |                   |              |          |

This MSDS may be used for other container sizes of this product.

**~~~~ SECTION 3 ~~~~ HAZARDS IDENTIFICATION ~~~~****Potential Health Effects****Eyes:**

May cause slight/moderate irritation to the eye

**Skin:**

Irritating to the skin

**Ingestion:**

May cause abdominal pain, nausea, vomiting, dizziness and central nervous system depression

**Inhalation:**

Vapor or spray mist can cause headache, nausea, vomiting and irritation of the nose, throat and lungs

**~~~~ SECTION 4 ~~~~ FIRST AID MEASURES ~~~~****Eyes:**

Immediately flush eyes with clean, lukewarm water for 15 minutes while lifting eyelids. Consult a physician or ophthalmologist immediately.

**Skin:**

Immediately wash skin with a generous amount of soap and water. Remove contaminated clothing and shoes and wash before reuse. If irritation persists consult a physician.

**Ingestion:**

Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician immediately.

**Inhalation:**

Remove from source of exposure and into fresh air. If symptoms persist consult a physician immediately. If not breathing, give artificial respiration and call emergency medical services immediately.

**Note to Physician:**

None for this material.

**~~~~ SECTION 5 ~~~~ FIRE FIGHTING MEASURES ~~~~****Flammable Properties**

**Flash Point: 212F/100C**

**Lower Flammable Limits: 0.6@145C**

**Upper Flammable Limit: 20@180C**

**Auto Ignition Temperature: Not available**

**Extinguishing Media:**

Carbon dioxide, dry chemical, foam or water fog.

**Special Fire Fighting Procedures:**

Do not enter any enclosed or confined fire space without full protective equipment, including self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) to protect against the hazardous effects of combustion products and oxygen deficiency. Use water spray to cool fire exposed structures and to cool fire exposed containers to prevent pressure build-up and possible rupture of container.

**~~~~ SECTION 6 ~~~~ ACCIDENTAL RELEASE MEASURES ~~~~****Small Spill:**

Always wear appropriate Personal Protective Equipment as you would if you were using this product. Dike and absorb with inert material such as sand and remove all liquid with the use of a vacuum system. If unable to remove as a liquid, then absorb with sand, saw dust or commercial absorbent, and scoop up and place in containers for proper disposal. Keep spills and cleaning runoff out of the municipal sewers and open bodies of water. Decontaminate all clothing and the spill area with a detergent and large amounts of water.

**Large Spill:**

Wear skin, eye & respiratory protection during clean-up. Evacuate area of all non-essential personnel. Ventilate spill area. Dike, and contain and/or absorb with inert material (sand, earth or other suitable non-combustible material) to prevent entry into storm drains, sewers and other unauthorized treatment/drainage systems and natural waterways. Scoop up and place in approved containers for proper disposal. Cover with lid. If spill occurs near air inlets or inside, turn off heating or air-conditioning equipment to prevent contaminating building.

**~~~~ SECTION 7 ~~~~ HANDLING AND STORAGE ~~~~****Handling & Storage:**

Keep from freezing. Keep container cool and dry. Use and store this product with adequate ventilation. Keep product containers tightly closed when not in use. Avoid subjecting this product to extreme temperature variations.

**Other Precautions:**

Avoid skin or eye contact. Avoid prolonged or repeated breathing of vapors and mists. If spilled on clothing, launder before reuse. Do not take internally. Use only in a well ventilated area. Keep out of the reach of children.

**SECTION 8      EXPOSURE CONTROLS/PERSONAL PROTECTION****Engineering Controls:**

In outside spray, mixing and rolling applications situate workers upwind of operation & provide airflow in a downwind direction so as to carry fumes and residual spray away from workers. Local exhaust ventilation recommended if generating vapor, dust or mist. Turn off heating and/or air conditioning equipment to prevent contaminating building. If exhaust ventilation is not adequate, use MSHA or NIOSH approved respirator. Refer to OSHA standard 29 CFR 1910.94 for guidelines.

**Respiratory Protection:**

For respiratory protection within confined areas and for concentrations up to 10 times the exposure limit, use an approved air-purifying respirator equipped with an ammonia/methylamine cartridge(s).

**Skin Protection:**

The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation. Note that PVA degrades in water.

**Eye Protection:**

Eye Protection: Safety glasses with side shields recommended.

**SECTION 9      PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Range:** 446F/230C - 471F/243C

**Melting Point:** N/A

**Specific Gravity(H<sub>2</sub>O=1):** 1.0234

**Vapor Density(Air=1):** Heavier than air

**Vapor Pressure:** NO DATA

**Evaporation Rate(N-Butyl Acetate=1) :** Slower than ether

**Coating V.O.C.:** 0.82 lb/gl                      Coating V.O.C.: 99 g/l

**Material V.O.C.:** 0.19 lb/gl                      Material V.O.C.: 23 g/l

**Solubility in Water:** Soluble

**Appearance:** CLEAR LIQUID.

**Odor:** AMMONIA ODOR

**pH:** N/A

**SECTION 10      STABILITY & REACTIVITY DATA****Stability:**

Stable

**Conditions To Avoid:**

Extremely hot or cold temperatures

**Incompatible Materials:**

Avoid contact with strong oxidizing agents, strong alkalis

**Hazardous Decomposition Products**

Thermal decomposition may yield acrylic monomer, carbon

monoxide and carbon dioxide. Unidentified organic compounds in fumes and smoke may be formed during combustion.

**Hazardous Polymerization:**

Will not occur

## ~~~~ SECTION 11 ~~~~ TOXICOLOGICAL INFORMATION ~~~~

\*Data is for individual components of preparation.

**Materials having a known chronic/acute effects on eyes:**

Ammonia CAS# 1336-21-6: Draize test, rabbit, eye: 250 ug  
Severe

**Materials having a known dermal toxicity.**

Dipropylene Glycol N-Butyl Ether CAS#29911-28-2 Est. LD50  
10,000 mg/kg rat)

**Materials having a known oral toxicity.**

AMMONIA CAS# 1336-21-6:LD50 (ORAL-RAT): 350 MG/KG.  
GLYCOL N-BUTYL ETHER CAS#29911-28-2 Est. LD50 1500mg/kg (rat)

**Materials having a known Inhalation hazard:**

Ammonia CAS# 1336-21-6: rat LC50: 2000 ppm/4-hr 2500-  
6500PPM

**Identified Acute/ Short-term Effects:**

Dipropylene glycol butoxy ether CAS#29911-28-2  
Eye contact: mild irritation; no damage likely  
Inhalation little effect, however, high vapor concentration (caused  
by heating) may cause depression and ataxic (staggering) gait  
Ingestion little effect, may cause depression if ingested in  
quantity; may cause diarrhea.

**Identified Carcinogens/Longterm Effects:**

Dipropylene Glycol Butoxy Ether CAS#29911-28-2 Animal  
testing suggests that mild liver damage may occur; little or no  
effect reported in humans.

**Identified Teratogens:**

NO ANIMAL DATA AVAILABLE

**Identified Reproductive toxins :**

NO ANIMAL DATA AVAILABLE

**Identified Mutagens:**

NO ANIMAL DATA AVAILABLE

## ~~~~ SECTION 12 ~~~~ ECOLOGICAL INFORMATION ~~~~

**Ecotoxicological effects on plants and animals:**

Ammonia Aqua CAS# 1336-21-6:  
Fish Toxicity: This material has exhibited moderate toxicity to  
aquatic organisms. 0.024-0.093 mg/L 96  
hour(s) LC50 Bluegill sunfish; 8.2 mg/L 96 hour(s) LC50 Fathead  
minnow; 0.66 mg/L 48 hour(s) LC50  
Daphnia magna; 3.17 mg/L (non-ionized NH3) 24 hour(s) LC50 Shrimp; 12  
ppm 48 hour(s) LC50 Rana pipines

**Chemical Fate :**

In outside spray, mixing and rolling applications situate  
workers upwind of operation & provide airflow in a downwind direction

so as to carry fumes and residual spray away from workers. Local exhaust ventilation recommended if generating vapor, dust or mist. Turn off heating and/or air conditioning equipment to prevent contaminating building. If exhaust ventilation is not adequate, use MSHA or NIOSH approved respirator. Refer to OSHA standard 29 CFR 1910.94 for guidelines.

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**~~~~ SECTION 13 ~~~~ DISPOSAL CONSIDERATIONS ~~~~**

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**Instructions:**

Dispose of unused product or contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures. Incineration is acceptable and the preferred method of disposal, however; nitrogen oxide emissions controls may be required to meet specifications. Chemical and biological degradation is possible. Empty containers will retain product residue and vapors and are subject to proper waste disposal, as above.

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**~~~~ SECTION 14 ~~~~ TRANSPORT INFORMATION ~~~~**

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**Shipping Information:**

DOT INFORMATION - 49 CFR 172.101  
DOT DESCRIPTION: NOT REGULATED

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**~~~~ SECTION 15 ~~~~ REGULATORY INFORMATION ~~~~**

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**(Not meant to be all inclusive-selected regulations represented)**

**US Regulations:****Status Of Substances Lists:**

The Concentrations Shown In Section II Are Maximum Ceiling Levels (Weight %) to be used for calculations for regulations. A reportable quantity is a quantity of a hazardous substance that triggers reporting requirements under the Comprehensive Environmental Response Compensation And Liability Act (CERCLA). If a spill of a substance exceeds it's reportable quantity (RQ) in CFR 302.3, Table 40 302.4 Appendix A & 302.4 Appendix B, the release must be reported to The National Response Center At (800) 424-8802, The State Emergency Response Commission (SERC), And community emergency coordinators likely to be affected.

**Components present that could require reporting under the statute are:**

See section II for percentages

\*Toxic: Not reportable in quantities less than 1%

Aqua Ammonia CAS#1336-21-6 RQ 1000 #

Superfund Amendments And Reauthorization Act Of 1986 (SARA) Title III Requires emergency planning based on the Threshold Quantities (TPQ'S) and release reporting based on Reportable Quantities (RQ'S) In 40 CFR 355 Appendix A&B Extremely Hazardous Substances. The emergency planning and release requirements of 40 CFR 355 apply to any facility at which there is present any amount of any extremely hazardous substance (EHS) equal to or in excess of it's Threshold Planning Quantity (TPQ).

**Components present that could require reporting under the statute are:**

NONE KNOWN

EPCRA 40 CFR 372 (Section 313) Requires EPA and the States to

annually collect data on releases of certain toxic materials from industrial facilities, and make the data available to the public in the Toxics Release Inventory (TRI). This information must be included in all MSDS'S that are copied and distributed or compiled for this material. Reporting Threshold: Standard: A facility must report if it manufactures (including imports) or processes 25,000 pounds or more or otherwise uses 10,000 pounds or more of a listed toxic chemical during the calendar year.

**Components present that could require reporting under the statute are:**

**See Section II**

The components of this product are listed or excluded from listing on the US Toxic Substance Control Act (TSCA) chemical substance inventory. Mixtures shall be assumed to present the same health hazards as do the components which comprise one percent (by weight or volume) or greater of the mixture, except that the mixture shall be assumed to present a carcinogenic hazard if it has a component in concentrations of 0.1 percent or greater. The remaining percentage of unspecified ingredients, if any, are not contained in above DeMinimis concentrations and/or are believed to be non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200), and may consist of pigments, fillers, defoamers, wetting agents, resins, dryers, anti-bacterial agents, water and/or solvents in varying concentrations.

**International Regulations:**

**Canadian WHMIS:**

This product is not listed in any division, class, or subdivision.

Ammonium hydroxide CAS#1336-21-6

WHMIS Classification:

D1B - Poisonous and infectious material - Immediate and serious effects - Toxic

E - Corrosive Material

WHMIS Health Effects Criteria Met by this Chemical:

D1B - Acute lethality - toxic - immediate

E - Corrosive to skin

E - TDG class 8 - corrosive substance

WHMIS Ingredient Disclosure List:

Included for disclosure at 1% or greater.

**Canadian Environmental Protection Act (CEPA):**

NONE KNOWN

All of the components of this product are exempt or listed on the DSL. See section 2 for composition/information on ingredients.

**EINECS:**

ON INVENTORY.

Aqua Ammonia            CAS#1336-21-6        EINECS#: 215-647-6

Dipropylene glycol n-butyl ether    CAS#29911-28-2    EINECS#:249-951-5

**State Regulations:**

**California:**

California Proposition 65: The following Statement is made in order to comply with The California Safe Drinking Water and Toxic Enforcement Act of 1986

"WARNING: This product contains the chemical(s) appearing below known to the State of California to:



M A T E R I A L   S A F E T Y   D A T A   S H E E T

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proper use & disposal of these materials & the safety & health of  
employees & customers