

PRODUCT NAME: #INSTONE CLEAR BASE

PRODUCT CODE: IS-CB

~~~~ SECTION 1 ~~~~ MANUFACTURER IDENTIFICATION ~~~~

Manufacturer's Name : Quest Construction Products, LLC  
 Address : 1465 Pipefitter Street  
           : North Charleston, SC 29405  
           : INITIAL (FIRST CALL) CHEMTREC (800) 424-9300  
 INFORMATION PHONE : (800) 739-5566  
 TOLL FREE : BACKUP (800) 541-4383  
 DATE REVISED : April 2012

~~~~ SECTION 2 ~~~~ HAZARDOUS INGREDIENTS/SARA III INFORMATION ~~~~

| Reportable Components  | CAS Number | MM HG @ Temp | Weight % |
|------------------------|------------|--------------|----------|
| * MODIFIED LINSEED OIL | MIXTURE    | NO DATA N/A  | 7        |

Mixture Contains \*2-Butoxyethanol, CAS #111-76-2 at 15% by weight,  
 Exposure Limits for 2-butoxyethanol: OSHA TWA: 50 ppm (240 mg/m3);  
 ACGIH TWA: 20 ppm (97 mg m3);  
 Canada TWA: 25 ppm (120 mg/m3); STEL 75 ppm (360mg/m3)  
 \* Indicates toxic chemical(s) subject to the reporting  
 requirements of section 313 of Title III and of 40 CFR 372.  
 # Indicates carcinogenic chemical.  
 NOTE: If tinted may contain Carbon Black CAS#1333-86-4 AND/OR  
 Crystalline Silica CAS#14808-60-7. If tinted DARK GRAY or BLACK  
 consider these levels to be reportable.

THIS MSDS MAY BE USED FOR OTHER COLORS AND CONTAINER SIZES  
 OF THIS PRODUCT.

~~~~ SECTION 3 ~~~~ HAZARDS IDENTIFICATION ~~~~

**Emergency Overview:**

**Potential Health Effects:**

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.  
 Provide sufficient mechanical (general and/or local exhaust)  
 ventilation to maintain exposure below TLV(s).

**Eyes:**

May cause slight/moderate irritation to the eye

**Skin:**

Irritating to the skin

**Ingestion:**

SWALLOWING SMALL AMOUNTS OF THIS MATERIAL DURING NORMAL  
 HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS. SWALLOWING LARGE  
 AMOUNTS MAY BE HARMFUL.

**Inhalation:**

MAY CAUSE IRRITATION TO NOSE, THROAT, LUNGS

~~~~ SECTION 4 ~~~~ FIRST AID MEASURES ~~~~

**Eyes:**

Immediately flush with copious amounts of water for at least  
 15 minutes. If redness, itching, or burning sensations persist

consult a physician or ophthalmologist immediately.

**Skin:**

Wash with plenty of soap and water. Remove contaminated clothing and shoes, wash before reuse. Consult a physician immediately.

**Ingestion:**

IF SWALLOWED, DO NOT INDUCE VOMITING. DILUTE WITH WATER. 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 ~~~~

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**Flammable Properties**

Flash Point: 159F/70.5C

Lower Flammable Limits: N/A

Upper Flammable Limit: N/A

Auto Ignition Temperature: N/A

**Extinguishing Media:**

USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE

**Special Fire Fighting Procedures:**

SELF-CONTAINED POSITIVE PRESSURE BREATHING APPARATUS, AND PROTECTIVE CLOTHING FOR FIGHTING CHEMICAL FIRES.

~~~~ SECTION 6 ~~~~ ACCIDENTAL RELEASE MEASURES ~~~~

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**Small Spill:**

Contain spills immediately with inert materials (eg. sand, earth). If material is spilled in a confined area ventilate the area well. Keep spectators away. Floor may be slippery; use care to avoid falling. Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. Caution: keep spills and cleaning runoff out of municipal sewers and open bodies of water.

**Large Spill:**

Use same procedure as small spill.

~~~~ SECTION 7 ~~~~ HANDLING AND STORAGE ~~~~

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**Handling & Storage:**

STORE IN COOL DRY PLACE. DO NOT FREEZE.

**Other Precautions:**

N/A

~~~~ SECTION 8 ~~~~ EXPOSURE CONTROLS/PERSONAL PROTECTION ~~~~

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**Engineering Controls:**

**Respiratory Protection:**

In conditions where the concentration is unknown or above the acceptable exposure limits use a NIOSH approved respirator with N95 filter. Ensure compatible full face and eye protection. Local

exhaust ventilation is also recommended.

**Skin Protection:**

THE GLOVE(S) LISTED BELOW MAY PROVIDE PROTECTION AGAINST PERMEATION. GLOVES OF OTHER CHEMICALLY RESISTANT MATERIALS MAY NOT PROVIDE ADEQUATE PROTECTION:

- NEOPRENE

**Eye Protection:**

Safety glasses with side shields

## ~~~~ SECTION 9 ~~~~ PHYSICAL AND CHEMICAL PROPERTIES ~~~~~

Boiling Range: 336F/168.8C

Melting Point: N/A

Specific Gravity(H<sub>2</sub>O=1): 1.0106

Vapor Density(Air=1): < 1 WATER

Vapor Pressure: 17mm Hg @ 20C/68F Water

Evaporation Rate(N-Butyl Acetate=1) :

Coating V.O.C.: 0.66 lb/gl                      Coating V.O.C.: 79 g/l

Material V.O.C.: 0.07 lb/gl                      Material V.O.C.: 9 g/l

Solubility in Water: Soluble

Appearance: WHITE LIQUID.

Odor: AMMONIA ODOR

pH: 8.5 TO 9.2

## ~~~~ SECTION 10 ~~~~ STABILITY &amp; REACTIVITY DATA ~~~~~

**Stability:**

THIS PRODUCT IS STABLE UNDER SPECIFIED CONDITIONS OF STORAGE, SHIPMENT AND/OR USE. SEE HAZARDOUS POLYMERIZATION FOR CONDITIONS TO AVOID.

**Conditions To Avoid:****Incompatible Materials:**

No hazardous reactions to other materials are expected to occur under normal industrial conditions.

**Hazardous Decomposition Products**

THERMAL DECOMPOSITION MAY YIELD ACRYLIC MONOMERS.

**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:**

INCONSEQUENTIAL IRRITATION

**Materials having a known dermal toxicity.**

EPOXY ESTER(2-BUTOXYETHANOL)      CAS#111-76-2

Skin rabbit LD50: 220 mg/kg;

**Materials having a known oral toxicity.**

EPOXY ESTER(2-BUTOXYETHANOL)      CAS#111-76-2

Oral rat LD50: 470 mg/kg

**Materials having a known Inhalation hazard:**

EPOXY ESTER(2-BUTOXYETHANOL)      CAS#111-76-2

Inhalation rat LC50: 450ppm/4H;

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

NO DATA

**Identified Carcinogens/Longterm Effects:**

EPOXY ESTER(2-BUTOXYETHANOL) CAS#111-76-2

Target organs: Liver and blood disorders. IARC: 3

**Identified Teratogens:**

EPOXY ESTER(2-BUTOXYETHANOL) CAS#111-76-2

HAS SHOWN TERATOGENIC EFFECTS IN LABORATORY ANIMALS

**Identified Reproductive toxins :**

NO DATA.

**Identified Mutagens:**

NO DATA.

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

**Ecotoxicological effects on plants and animals:**

EPOXY ESTER(2-BUTOXYETHANOL) CAS#111-76-2

The LC50/96-hour values for fish are over 100 mg/l. This material is not expected to be toxic to aquatic life

**Chemical Fate :**

EPOXY ESTER(2-BUTOXYETHANOL) CAS#111-76-2

When released into the soil, this material is not expected to evaporate significantly. When released into the soil, this material may leach into groundwater. When released into the soil, this material may biodegrade to a moderate extent. When released into water, this material is not expected to evaporate significantly. When released into water, this material may biodegrade to a moderate extent. This material has an estimated bioconcentration factor (BCF) of less than 100. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life of less than 1 day

## ~~~~ SECTION 13 ~~~~ DISPOSAL CONSIDERATIONS ~~~~

**Instructions:**

Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

## ~~~~ SECTION 14 ~~~~ TRANSPORT INFORMATION ~~~~

**Shipping Information:**

U.S. DOT TRANSPORT INFORMATION

PROPER SHIPPING NAME: NOT REGULATED

## ~~~~ SECTION 15 ~~~~ REGULATORY INFORMATION ~~~~

(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:**  
NONE KNOWN

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 contains material classified by the Canadian  
Workplace Hazardous Material Information System as: B3 (Combustible  
Liquid) D1B (materials causing immediate and serious toxic effects,  
toxic material) D2B (materials causing other toxic effects, toxic  
material)

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

All of the components of this product are exempt or listed  
on the DSL. See Section II For Composition/Information on Ingredients

**EINECS:**

NO INFORMATION.

**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:

**A: Cause Cancer**

NONE KNOWN

\*If tinted contains Carbon Black: CAS#1333-86-4 and may also contain trace amounts of Crystalline Silica: CAS#14808-60-7

**B: Cause Birth Defects or other Reproductive Harm :**

NONE KNOWN

In addition to the above named chemical(s) (if any), this product may contain trace amounts of chemicals, known to the State of California, to cause Cancer or Birth Defects and other Reproductive Harm

**Delaware:**

NONE KNOWN

**Florida:**

NONE KNOWN

**Idaho:**

2-Butoxy ethanol                      CAS#111-76-2

Idaho Air Pollutant List:

|                     |                     |
|---------------------|---------------------|
| Title 585--AAC: 6   | Title 586--AAAC: -- |
| Title 585--EL: 8    | Title 586--EL: --   |
| Title 585--OEL: 120 | Title 586--OEF: --  |

**Massachusetts:**

EPOXY ESTER(2-BUTOXYETHANOL) CAS#111-76-2  
 SUBSTANCE CODES: 2, 4, 6, F8

**Michigan:**

NONE KNOWN

**Minnesota:**

THE FOLLOWING ARE LISTED IN THE MINNESOTA HAZARDOUS SUBSTANCES LIST

| CHEMICAL NAME                | CAS#     | CODES | HAZARDS | CARCINOGEN? |
|------------------------------|----------|-------|---------|-------------|
| EPOXY ESTER(2-BUTOXYETHANOL) | 111-76-2 | AO    | SKIN    | NO          |

**New Jersey:**

NONE KNOWN

**New York:**

NONE KNOWN

**Pennsylvania:**

EPOXY ESTER(2-BUTOXYETHANOL) CAS#111-76-2      CODE:--

**Washington:**

EPOXY ESTER(2-BUTOXYETHANOL) CAS#111-76-2

|                             |     |                |
|-----------------------------|-----|----------------|
| WASHINGTON AIR CONTAMINANT: | ppm | mg/Cubic Meter |
| TWA                         | 25  | 120            |
| STEL                        | UNK | UNK            |
| CEILING                     | UNK | UNK            |

SKIN: PROTECTIVE MEASURES SHOULD BE TAKEN TO PREVENT OR MINIMIZE SKIN ABSORPTION

**Wisconsin:**

NONE KNOWN

**West Virginia**

NONE KNOWN

~~~~ SECTION 16 ~~~~ OTHER INFORMATION ~~~~

**HMIS® III**

**Health** : 1  
**Flammability** : 0  
**Physical Hazard** : 0

\*Following Health rating Indicates Chronic/Carcinogenic Effects

**HMIS® III Personal Protection : G**

This rating is for the product as it is packaged. This rating will need to be adjusted by the user based on conditions of use.

The information contained herein relates only to the specific material identified. United Coatings believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. To assure proper use & disposal of these materials & the safety & health of employees & customers, United Coatings urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.