

PRODUCT NAME: #STABLERUST PRIMER
PRODUCT CODE: 2001-005, 2001-001, HS-SP-01, 05

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

**Manufacturer's Name : Quest Construction Products/HydroStop**  
**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 PRINTED : 4/29/2011**  
**DATE REVISED : APRIL 2011**

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

| Reportable Components | CAS Number | MM HG @ Temp | Weight % |
|--|------------|-------------------|----------|
| * ACRYLIC COPOLYMER | MIXTURE | N/A N/A | 64 |
| SARA 313 Reportable: Styrene (100-42-4) - <0.05% | | | |
| SARA 302 EHS: No SARA 302 listed chemicals contained within this product. | | | |
| ZINC PHOSPHATE (MODIFIED) | MIXTURE | N/A N/A | 9 |
| FOR SODIUM CHROMATE, CAS# 7775-11-3, 0.25%, OSHA PEL-0.05 MG/M3, ACGIH TLV-0.05MG/M3, STEL-NOT ESTABLISHED. ZINC PHOSPHATE HYDRATE/BARIUM SULPHATE, PERCENTAGE UNKNOWN, CAS# MIXTURE, NUISANCE DUST, ZINC OXIDE, PERCENTAGE UNKNOWN, CAS# 1314-13-2, OSHA PEL-10MG/M3, 5MG/M3 RESPIRABLE FRACTION, ACGIH TLV-10MG/M3, NIOSH REL-5MG/M3, 15MG/M3 15 MINUTE TWA CEILING. | | | |
| Barium Sulfate | 7727-43-7 | N/A N/A | 6 |
| Barium Sulfate (7727-43-7): OSHA PEL 15 mg/m3 (total dust) | | | |
| Barium Sulfate (7727-43-7): OSHA PEL 5 mg/me (respirable fraction) | | | |
| Barium Sulfate (7727-43-7): ACGIH TLV 10 mg/m3 | | | |
| SARA 313 Reporable: No SARA 313 reportables contained within this product. | | | |
| SARA 302 EHS: No SARA 302 listed chemicals contained within this product. | | | |
| Dipropylene glycol monomethyl ether | 34590-94-8 | 0.55 77F/25C | 4 |
| Dipropylene glycol methyl ether, CAS#34590-94-8, 99%, ACGIH TLV & OSHA PEL: 100ppm TWA, 150ppm STEL. | | | |
| ~ | | | |
| KAOLIN | 1332-58-7 | N/A N/A | 4 |
| Kaolin (1332-58-7): OSHA PEL 15 mg/m3 (total dust) | | | |
| Kaolin (1332-58-7): OSHA PEL 5 mg/m3 (respirable fraction) | | | |
| Kaolin (1332-58-7): ACGIH TWA 2 mg/m3 (respirable fraction) | | | |
| Titanium Dioxide (13463-67-7): OSHA PEL 15 mg/m3 (total dust) | | | |
| Titanium Dioxide (13463-67-7): ACGIH TWA 10 mg/m3 (total dust) | | | |
| SARA 313: No SARA 313 reportables contained within this product. | | | |
| SARA 302 EHS: No SARA 302 listed chemicals contained within this product. | | | |
| * Pigment Dispersion | Mixture | 17 68F/20C | 4 |
| 0.5 MG/M3 AS CHROMIUM FOR CHROMIUM OXIDE CAS#1308-38-9 | | | |
| SARA 313: Chromium Compounds (N090) 60-70% | | | |
| Pure (2,2,4-Trimethyl-1,3-pentenediol diisobutyrate) 6846-50-00.0008825 C | | | |
| SARA 313 Reportable: No SARA 313 reportables contained within this product. | | | |
| SARA 302 EHS: No SARA 302 listed chemicals contained within this product. | | | |
| Pure (Dipropylene Glycol N-Butyl Ether) 29911-28-26.60 68F/20C 4 | | | |
| * 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 container sizes of this product.

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

Potential Health Effects**Eyes:**

May cause slight/moderate irritation to the eye

Skin:

Contact causes moderate skin irritation. Causes drying of the skin.

Ingestion:

May cause abdominal pain, nausea and vomiting.

Inhalation:

May cause irritation to respiratory tract.

~~~~ 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:

Not considered a potential route of exposure. If swallowed, give 2 glasses of water to drink. 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: 128 C

Lower Flammable Limits: 0.6@145C

Upper Flammable Limit: 20@180C

Auto Ignition Temperature: N/A

Extinguishing Media:

Foam, CO2, dry chemical, water fog or spray, as appropriate for surrounding fire.

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.

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

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:

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 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:

~~~~ 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:

Follow OSHA regulation 29 CFR 1910.134 for respirator use where over spray is present, or if concentration of product is not known or are above the exposure guidelines. When comfort levels may be exceeded, use an approved air-purifying respirator equipped with an ammonia/methylamine cartridge(s).

Skin Protection:

The use of nitrile rubber gloves is advised to prevent skin contact and possible irritation.

Eye Protection:

Eye Protection: Safety glasses with side shields recommended.

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

Boiling Range: 212F 100C - 446F/230C

Melting Point: N/A

Specific Gravity(H₂O=1): 1.2065

Vapor Density(Air=1): Lighter than air

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

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

Coating V.O.C.: 1.58 lb/gl Coating V.O.C.: 189 g/l

Material V.O.C.: 0.84 lb/gl Material V.O.C.: 101 g/l

Solubility in Water: Soluble

Appearance: GREEN LIQUID.

Odor: FAINT AMMONIACAL ODOR.

pH: 8.0

~~~~ SECTION 10 ~~~~~ STABILITY & REACTIVITY DATA ~~~~~

Stability:

Stable

Conditions To Avoid:

Extremely hot or cold temperatures

Incompatible Materials:

Strong oxidizing agents

Hazardous Decomposition Products

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

Hazardous Polymerization:

Not expected to occur

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

*Data is for individual components of preparation.

Materials having a known chronic/acute effects on eyes:

NO DATA

Materials having a known dermal toxicity.

Titanium Dioxide CAS#13463-67-7 Dermal LD50 (rabbit) >10 g/kg

Materials having a known oral toxicity.

TITANIUM DIOXIDE CAS#13463-67-7 Oral LD50 (rat) >25 g/kg

Materials having a known Inhalation hazard:

TITANIUM DIOXIDE CAS#13463-67-7 LC50 (rat)>6.82 mg/l(4 hr)

Identified Acute/ Short-term Effects:

Headache, nausea, abdominal pain and irritation of the nose, throat and lungs. Skin and eye irritation.

Identified Carcinogens/Longterm Effects:

NO DATA

Identified Teratogens:

NO DATA

Identified Reproductive toxins :

NO DATA.

Identified Mutagens:

NO DATA.

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

Ecotoxicological effects on plants and animals:

Titanium Dioxide CAS#13463-67-7 96 Hr LC50 (Fathead minnows)>1,000 mg/l

Chemical Fate :

Expected to be biodegradable.

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

Instructions:

Dispose of unused product or contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Empty containers will retain product residue and vapors and are subject to proper waste disposal, as above. Care must be taken to prevent environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment storage and disposal for hazardous and/or nonhazardous wastes. Generally your local waste transfer station can advise you.

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

Shipping Information:

DOT INFORMATION - 49 CFR 172.101

DOT DESCRIPTION: 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:

Zinc Compound, CAS#proprietary Reportable quantity: **

Titanium dioxide has been reported to be a Class 2b Carcinogen by IARC 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 its Threshold Planning Quantity (TPQ).

Components present that could require reporting under the statute are:

Zinc Compound CAS# Proprietary

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 the following in recordable amounts:

Titanium Dioxide CAS#13463-67-7

WHMIS Classification: D2A

WHMIS Health Effects Criteria Met by this Chemical:

Very toxic material causing other toxic effects

Canadian Environmental Protection Act (CEPA):

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

EINECS:

All of the components of this product are listed in the EINECS inventory or are exempt from notification requirements.

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:

IRON OXIDE CAS#1309-37-1

Idaho Air Pollutant List:

Title 585--AAC: 0.25 Title 586--AAAC: --

Title 585--EL: 0.333 Title 586--EL: --

Title 585--OEL: 5 Title 586--OEF: --

KAOLIN (Respirable dust) CAS#1332-58-7

Idaho Air Pollutant List:

Title 585--AAC: 0.1 Title 586--AAAC: --

Title 585--EL: 0.133 Title 586--EL: --

Title 585--OEL: 2 Title 586--OEF: --

Massachusetts:

Titanium Dioxide CAS#13463-67-7 SUBSTANCE CODES:4

Michigan:

NONE KNOWN

Minnesota:

THE FOLLOWING ARE LISTED IN THE MINNESOTA HAZARDOUS SUBSTANCES LIST

| CHEMICAL NAME | CAS# | CODES | HAZARDS | CARCINOGEN? |
|-------------------|-----------|-------|---------|-------------|
| CALCIUM CARBONATE | 1317-65-3 | A | -- | NO |

LISTED IN THE MINNESOTA HAZARDOUS SUBSTANCES LIST:

PROPYLENE GLYCOL CAS#57-55-6

CODES: I HAZARDS: -- CARCINOGEN? NO

Titanium Dioxide CAS#13463-67-7

Listed In The Minnesota Hazardous Substances List:

Codes: A

Hazards: --

Carcinogen? NO

New Jersey:

New Jersey Right To Know Hazardous Substances

Zinc Compound, CAS# Proprietary, Substance# 3012

New York:

NONE KNOWN

Pennsylvania:

Titanium Dioxide CAS#13463-67-7 CODE:--

Washington:

WASHINGTON AIR CONTAMINANT:

CALCIUM CARBONATE (RESPIRABLE) CAS#1317-65-3

WA ppm mg/Cubic Meter

| | | |
|----------|-----|-----|
| TWA | UNK | 5 |
| STEL | UNK | UNK |
| CEILING | UNK | UNK |
| SKIN:UNK | | |

| | | |
|------------------------------|----------------|----------------|
| Titanium Dioxide(Total Dust) | CAS#13463-67-7 | |
| Washington Air Contaminant: | ppm | mg/Cubic Meter |
| TWA | UNK | 10 |
| STEL | UNK | UNK |
| CEILING | UNK | UNK |
| SKIN:UNK | | |

Wisconsin:

NONE KNOWN

West Virginia

The following is on the West Virginia Toxic Air Pollutant List:

Titanium Dioxide CAS#13463-67-7

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

**HMIS® III**

**Health** : 2  
**Flammability** : 0  
**Physical Hazard** : 0

\*Following Health rating Indicates Chronic/Carcinogenic Effects

**HMIS® III Personal Protection : I**

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.