

#### **Pro Bond Ultra**

| PRODUCT NAME:                                      | Pro Bond Ultra                         |                         |   | 1   | MANUFACTURER: Turley Internatio   | nal Resources, LLC.   |  |  |  |
|--|--|-------------------------|---|---|---|---|--|--|--|
| PRODUCT USE: Dry Cementitious Concrete Overlay Mix |  |                         |   |   | 4322 South 80 <sup>th</sup> Street  |   |  |  |  |
| SUPPLIER: N/A                                      |  |                         |   |   | Mesa, AZ 85212 - USA  |   |  |  |  |
|  |  |                         |   |   |   |   |  |  |  |
|  |  |                         |   |   |   | 33 E: info@wetedge.com  |  |  |  |
| EMERGENCY: Call                                    | 911 or seek medical                    | assistance              | immediately   |   | Medical: Call 911 or seek medical assis   | stance immediately  |  |  |  |
| ECTION 2 – H                                       | IAZARDS IDENT                          | IFICATI                 | ON  |   |   |   |  |  |  |
|  | F THE SUBSTANCE N                      | IXTURE:                 | 1   | r   |   |   |  |  |  |
|  | AZARD CLASS                            |                         |   | CATEGORY HAZARD STATEMENTS                  |   |   |  |  |  |
| Acute Toxicity, Or                                 |  |                         | 4   | Harmful if swallowed                        |   |   |  |  |  |
| Acute Toxicity, De<br>Skin corrosion / ir          |  |                         | 5   |   | May be harmful in contact with skin<br>Causes severe skin burns and eye damage  |   |  |  |  |
| Serious eye dama                                   |  |                         | 1   | Causes severe s                             | , ,   |   |  |  |  |
| Carcinogenicity                                    | <u>-, -, -,</u>                        |                         | 1A  | May cause canc                              |   |   |  |  |  |
|  | an toxicity, single ex                 | osure                   | 3   | May cause resp                              |   |   |  |  |  |
|  | an toxicity, repeated                  |                         | 1   | •   | to lungs and respiratory system, throu  |   |  |  |  |
| exposure   |  |                         | -   | inhalation. Caus                            | ses damage to kidney and liver through  | n prolonged or repeated exposure.   |  |  |  |
| OSHA HAZARD CC                                     |  | NDARD:                  | This product i<br>1910.1200.  | s a "Hazardous Cł                           | nemical" as defined by the OSHA Haza  | rd Communication Standard, 29 CFR   |  |  |  |
| GHS LABEL ELEMENTS: SIG                            |  |                         | IAL WORD:   | WORD: DANGER PICTOGRAM(S):                  |   |   |  |  |  |
| RECAUTIONARY S                                     | TATEMENTS:                             |                         |   |   |   |   |  |  |  |
| HEADING  | OSHA Ref. #                            |                         |   |   | Instructions  |   |  |  |  |
|  | P201                                   |                         | Obtain special instruction before use.  |   |   |   |  |  |  |
|  | P202                                   |                         | Do not handle until all safety precautions have been read and understood.                         |   |   |   |  |  |  |
|  | P281<br>P271                           |                         | Use personal protective equipment as required.<br>Use only outdoors or in a well-ventilated area. |   |   |   |  |  |  |
| PREVENTION:  | P271<br>P260                           |                         | ot breathe dust   |   |   |   |  |  |  |
|  | P270                                   |                         |   |   | n using this product.   |   |  |  |  |
|  | P280                                   |                         |   |   | e clothing / eye protection/ face protection.   |   |  |  |  |
|  | P264                                   | Was                     | h exposed area  | with plenty of war                          | ter and soap thoroughly after handling  | 5.  |  |  |  |
|  | P301 + P330 + P3                       | .2 IF SV                | VALLOWED: Rin   | se mouth. Call a P                          | OISON CENTER or physician if you fee  | l unwell.   |  |  |  |
|  | P331                                   |                         | ot induce vomit   | <u> </u>                                    |   |   |  |  |  |
|  | P303 + P361 + P3                       |                         | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with wate |   |   |   |  |  |  |
|  | P363                                   |                         |   | clothing before re                          |   | and the first hard state of the state of the                                  |  |  |  |
| RESPONSE:  | P304 + P340 + P3                       |                         |   | e victim to fresh ai<br>r doctor/ physiciai | ir and keep at rest in a position comfor<br>n   | rtable for breathing. Immediately call  |  |  |  |
|  | D205, 2054                             | IF IN                   |   | 111   | r for several minutes. Remove contact   | lenses, if present and easy to do.  |  |  |  |
|  | P305+ P351+ P33                        | x                       | inue rinsing.   |   |   | · · · · · · · · · · · · · · · · · · ·   |  |  |  |
|  | P310                                   |                         | •   |   | doctor/ physician.  |   |  |  |  |
|  | P308+ P313                             |                         | •   |   | advice/attention.   |   |  |  |  |
| STORAGE:   | P403 + P235 + P4                       |                         |   | · · ·                                       | cool. Store Locked Up   |   |  |  |  |
| DISPOSAL:  | P501                                   |                         |   |   | ardous or special waste collection poin   | t in accordance with  |  |  |  |
|  |  | local                   | /regional/natio   | nal/international r                         | regulations   |   |  |  |  |
| ECTION 3 – C                                       | OMPOSITION /                           | INFOR                   | MATION O  | N INGREDIEN                                 | ITS   |   |  |  |  |
|  | nponents                               |                         | CAS #   | 1   | EC #  | Concentration, %  |  |  |  |
| Vinyl based polym                                  | ners                                   |                         | 9002-89   |   | Not available   | 1-5   |  |  |  |
| Portland Cement                                    |  |                         | 65997-1   |   | Not available   | 20-60   |  |  |  |
| Pozzolonic additiv                                 | es (silicon based)                     |                         | 14808-6   |   | 238-878-4   | 10-40   |  |  |  |
| Calcium Sulfate                                    |  |                         | 13397-2   |   | 603-783-2   | 1-5   |  |  |  |
| Calcium Carbonat                                   |  | o Surface               | 1317-65<br>Pro Bond Ultra   |   | 215-279-6   | 1-5   |  |  |  |
| Trace Elements:                                    | Trace amounts of<br>cement may contain | naturally<br>in up to : | occurring, pote<br>1.50 % insoluble   | entially harmful cl<br>e residue, some c    | aterials mined from the earth and is pr<br>hemical might be detected during ch<br>of which may be free crystalline silica<br>sulfate compounds, and trace metal c | emical analysis. For example, Portlan<br>. Other trace constituents may inclu |  |  |  |



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| SECTION 4 – FIRST AID MEASURES   |  |  |  |  |
|--|--|--|--|--|
| EMERGENCY INFORMATION: Stone Edge Surfaces Pro Bond                                      | EYES: Immediately flush eye thoroughly with water. Continue flushing eye for at least 15     |  |  |  |
| Ultra Mix is a gray or white cementitious mixture of cement,                             | minutes, including under lids, to remove all particles. Call physician immediately.          |  |  |  |
| sand, silica, and Hydrated Magnesium-Aluminum-Iron-Silicate.                             | SKIN: Wash skin with cool water and pH-neutral soap or a mild detergent. Seek medical        |  |  |  |
| When in contact with moisture in eyes or on skin, or when mixed                          | treatment if irritation or inflammation develops or persists. Seek immediate medical         |  |  |  |
| with water, it becomes highly caustic (pH>12) and will damage                            | treatment in the event of burns.   |  |  |  |
| or burn (as severely as third degree) the eyes or skin. Inhalation                       | INHALATION: Remove person to fresh air. If breathing is difficult, administer oxygen. If not |  |  |  |
| may cause irritation to the moist mucous membranes of the                                | breathing, give artificial respiration. Seek medical help if coughing and other symptoms do  |  |  |  |
| nose, throat and upper respiratory system or may cause or may                            | not subside. Inhalation of large amounts of product require immediate medical attention.     |  |  |  |
| aggravate certain lung diseases or conditions. Use exposure                              | INGESTION: Do not induce vomiting. If conscious, have victim drink plenty of water and call  |  |  |  |
| controls or personal protection methods described in Section 8. a physician immediately. |  |  |  |  |
| SECTION 5 – FIREFIGHTING MEASURES  |  |  |  |  |
|  |  |  |  |  |

| SUITABLE EXTINGUISHING MEDIA:                                      | Use an extinguishing agent suitable for the surrounding fire.   |  |  |  |  |  |
|--|---|--|--|--|--|--|
| UNSUITABLE EXTINGUISHING MEDIA:                                    | Do not use water jet and halogenated compounds  |  |  |  |  |  |
| SPECIFIC HAZARDS ARISING FROM THE<br>CHEMICAL:                     | This product is non-flammable and non-combustible. Containers at risk from fire should be cooled with water spray and, if possible, removed from the danger area. |  |  |  |  |  |
| HAZARDUS COMBUSTION PRODUCTS:                                      | None.   |  |  |  |  |  |
| SPECIAL PROTECTIVE EQUIPMENT AND<br>PRECAUTIONS FOR FIRE-FIGHTERS: | Firefighters should wear full protective gear.  |  |  |  |  |  |

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

| EMERGENCY PROCEDURES:          | Keep unnecessary and unprotected personnel from entering spill area. Do not touch or walk through spilled material.  |  |  |  |  |  |
|--------------------------------|--|--|--|--|--|--|
| PROTECTIVE EQUIPMENT:          | Use exposure control and personal protection methods as described in Section 8. Ensure adequate ventilation/exhaust extraction. Avoid inhalation of dust and contact with skin and eyes during clean up.   |  |  |  |  |  |
| PROPER METHODS OF CONTAINMENT: | Collect dry material using a scoop. Avoid actions that cause dust to become airborne. Do not dry sweep. Avoid inhalation of dust and contact with skin. Vacuum dust with equipment fitted with HEPA filter and place in a designated labeled waste container. If material is wet, scrape up wet material and place in an appropriate container. Allow the material to dry before disposal. For major spills: approach from upwind. Prevent wind dispersal. |  |  |  |  |  |
| CLEANUP:                       | Seal the container(s), remove from spill area and properly dispose of the waste material in accordance with existing federal, state and local regulations.   |  |  |  |  |  |
| ENVIRONMENTAL PRECAUTIONS:     | Prevent from entering into soil, ditches, sewers, waterways and/or groundwater, basements or confined areas. Large spills in waterways may be hazardous due to alkalinity of the certain components of the product. Inform the relevant authorities if the product has accessed waterways or other natural areas. See Section 12 for more details.   |  |  |  |  |  |

| PRECAUTIONS FOR<br>SAFE HANDLING: | Do not breathe dust. Use adequate ventilation and/or dust collection methods. Use all available work practices to control dust exposures, such as water sprays. Do not permit dust to collect on walls, floors, sills, ledges, machinery, or equipment. Avoid breakage of bagged material or spills of bulk material. Wear appropriate respiratory, eye and skin protection. Avoid contact with skin and eyes. Wash hands thoroughly after handling. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Hands and/or face should be washed before eating, drinking and smoking and at the end of the shift. Remove contaminated clothing and protective equipment before entering eating areas. Wash or vacuum clothing when becomes dusty. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure by obtaining and following special instructions before use. Do not handle until all safety precautions have been read and understood. |
|-----------------------------------|---|
| PRECAUTIONS FOR<br>STORAGE:       | Store in original or approved alternative container protected from direct sunlight in a dry, cool and well-ventilated area away from incompatible materials (see below for details) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed. Store bags to avoid accidental tearing, breaking, or bursting. Avoid windblown dust by shielding or covering outdoor stockpiles. Protect from getting wet from atmospheric moisture and other sources.   |
| INCOMPATIBILITIES:                | <ul> <li>Silica reacts violently with powerful oxidizing agents such as hydrofluoric acid, fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride, oxygen difluoride, hydrogen peroxide, acetylene, ammonia yielding possible fire and/or explosions. Silicates dissolve readily in hydrofluoric acid producing a corrosive gas silicon tetrafluoride.</li> <li>Portland Cement is highly alkaline and will react with acids to produce a violent, heat-generating reaction. Released toxic gases or vapors will depend on the acid involved. Aluminum powder and other alkali and alkaline earth elements will react in wet mortar or concrete, liberating hydrogen gas. Reacts slowly with water forming hydrated compounds, releasing heat and producing a strong alkaline solution until reaction is substantially complete.</li> <li>Calcium Sulfate : Reacts with Aluminum (at high temperatures), diazomethane.</li> <li>Calcium Carbonate : ignites on contact with fluorine and is incompatible with acids, alum, ammonium salts, and magnesium</li> </ul>     |



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|   | DSURE LIMITS (                |  |                          | <u></u>   |   |  | Cal/OSHA PEL   |  | NIOSH REL  | ACG                                  | IH 2017                      |
|---|-------------------------------|--|--------------------------|---|---|--|--|--|--|--------------------------------------|------------------------------|
| COMPONENT   | 5                             | CAS #                                      |                          | OSHA PEL<br>mg/m <sup>3(e)</sup>  |   |  | 8-hour TWA,<br>mg/m <sup>3</sup>   |  | Up to 10-hour TWA,<br>mg/m <sup>3</sup>                  |                                      | hrs TWA,<br>g/m <sup>3</sup> |
| Vinyl based polymers 9002   |                               |  | 02-89-5                  |   | n/a   |  | n/a  |  | n/a  | n/a                                  |                              |
| Portland Cement:  | 65997-15-1                    | (Total Dust) 10<br>(Respirable fraction) 5 |                          |   |   | Fotal Dust) 10 mg/m <sup>3</sup><br>irable fraction) 5 mg/m <sup>3</sup> |  | (Total Dust) 10 mg/m <sup>3</sup><br>(Respirable fraction)<br>5 mg/m <sup>3</sup>  | asbest   | g/m³ (no<br>os & < 1%<br>line silica |                              |
| Calcium Sulfate   |                               | (Total Dust) 15<br>(Respirable fraction) 5 |                          |   |   | (Total Dust) 10 mg/m <sup>3</sup><br>(Respirable fraction) 5             |  | (Total Dust) 10 mg/m <sup>3</sup><br>(Respirable fraction) 5                       |  | Data                                 |                              |
| Calcium Carbonate   |                               | 1317-65-3                                  | 15                       |   |   | 10 mg/m <sup>3</sup>   |  | 10 mg/m <sup>3</sup>   | No   | ) Data                               |                              |
| Pozzolonic additives (silice  | on based)                     | 14808-60-7                                 | No Data                  |   |   |  | .05 mg/m <sup>3</sup>  |  | .05 mg/m <sup>3</sup>                                    | .025                                 | mg/m <sup>3</sup>            |
|   | •                             | ctions that cau<br>le limits.              | use dust 1               | to be   | come airborr  | ne. Use l  | ocal exhaust or gene   | eral dil   | ution ventilation to contro                              | ol exposu                            | re withir                    |
| RSONAL PROTECTIVE EQ  | UIPMENT (PPE                  | ).   |                          |   |   |  |  |  |  |                                      |                              |
| RESPIRATORY PROTECTIO   | ON: dust int<br>causes i      | o air. If local o<br>rritation or dis      | r general<br>scomfort    | l ven<br>, use  | tilation is not<br>MSHA/NIOSI   | adequa<br>H appro  | te to control dust le<br>ved respirators.  | vels be  | icable exposure limits. Mi<br>elow applicable exposure l | imits or v                           | when dus                     |
| EYE PROTECTION:   | environ<br>not be v           | ments, wear t<br>vorn when ha              | ight fittir<br>ndling ce | ng ur<br>emen   | nvented or in<br>t or cement c  | directly<br>containir  | vented goggles to a<br>ng products.  | ivoid e  | reme dusty environments<br>ye irritation or injury. Cor  | ntact lens                           | ses shoul                    |
| SKIN PROTECTION:  | tact. Promptl                 | y remov                                    | e clo                    | thing dusty v   | vith Wa   | I Mix or clothing da   | ampen  | pants or other protective<br>ed with moisture mixed v<br>I neutral soap and water. |  |                                      |                              |
| ECTION 9 – PHYSIC   | AL AND CH                     | IEMICAL P                                  | ROPE                     | RTII  | ES  |  |  |  |  |                                      |                              |
| VISCOSITY   |                               | Not Applicable                             |                          |   | APPERANCE:  |  |  | Gray   | Gray or White fine powder                                |                                      |                              |
| ODOR & ODOR THRESHO   | LD:                           | Odorless                                   | s I                      |   | FLASH POIN  | FLASH POINT:   |  |  | ot Applicable, Not Flammable, Not Combustib              |                                      |                              |
| BOILING POINT:  | >1000°C                       | MELTING P                                  |                          |   | DINT:   |  | >1000  | )°C  |  |                                      |                              |
| EVAPORATION RATE:   | Not Applic                    |  |                          |   | LITY (SO  |  |  |  |  |                                      |                              |
| VAPOR PRESSURE:   |                               |  |                          |   | pH (IN WATER): (ASTM D 1293-95) 12  |  | 12-13  |  |  |                                      |                              |
| VAPOR DENSITY:  | Not applica                   |  |                          | SOLUBILITY  |   |  | <u> </u>   | ly (0.1%-1.0%)   |  |                                      |                              |
| RELATIVE DENSITY  |                               | Not Applic                                 |                          |   | UPPER/LOW   |  |  |  | lammable, Not Explosive                                  |                                      |                              |
| PARTITION COEFFICIENT:  | -                             | Not Applic                                 |                          |   | AUTO IGNITION TEMPERATURE No  |  | Not F  | t Flammable  |  |                                      |                              |
| ECTION 10 - STAB  |                               |  |                          |   |   |  |  |  |  |                                      |                              |
| CHEMICAL STABILITY:   | Product is sta                | ble under reco                             | ommend                   | led st  | torage conditi  | ions. Ke   | ep dry until used.   |  |  |                                      |                              |
|   | Hazardous                     | Polymerization                             | n:                       |   |   |  | Will not occur.  |  |  |                                      | ]                            |
| CHEMICAL REACTIVITY:  | Corrosion to                  | Corrosion to Metals:                       |                          |   |   |  | Has corrosive effe   | e effects to metal.  |  |                                      |                              |
|   | Oxidizing Pr                  |  |                          |   |   | Not classified as or   | xidizin  | g.   |  |                                      |                              |
| CONDITIONS TO<br>AVOID:   | Unintentiona<br>hydroxide and |  |                          | 0   | ,   | ontact w   | ith water will result  | in hyd   | ration and produces (caus                                | stic) calci                          | um                           |
| <ul> <li>Silica reacts violently with powerful oxidizing agents manganese trifluoride, oxygen difluoride, hydrogen Silicates dissolve readily in hydrofluoric acid producing</li> <li>Portland Cement is highly alkaline and will react with or vapors will depend on the acid involved. Aluminum j or concrete, liberating hydrogen gas. Reacts slowly v strong alkaline solution until reaction is substantially c</li> <li>Calcium Sulfate : Reactive with oxidizing agents, acids.</li> <li>Calcium Carbonate : ignites on contact with fluorine a</li> </ul> |                               |  |                          | gen per<br>cing a co<br>vith acio<br>um pow<br>ly with<br>lly comp<br>cids. Inc | oxide, acetylene, a<br>prrosive gas silicon t<br>ls to produce a viole<br>der and other alkali<br>water forming hydr<br>lete.<br>pompatible with alun | mmon<br>etraflu<br>ent, he<br>and all<br>rated o<br>ninum                | ia yielding possible fire a<br>loride.<br>lat-generating reaction. Re<br>kaline earth elements will a<br>compounds, releasing hea<br>and diazomethane. | and/or e<br>eleased t<br>react in w<br>at and pr                                   | xplosion<br>oxic gase<br>vet morta<br>oducing            |                                      |                              |
| HAZARDOUS OF storage and use, hazardo<br>DECOMPOSITION: Supply and presence of other<br>silica oxides, sulfur oxides, r   |                               |  | ous deco<br>er materi    | ials, c   | osition produce<br>decomposition  | cts shou   | ld not be produced   | . In fire  | e conditions, depending o                                | n tempe                              | rature, a                    |



#### **Pro Bond Ultra**

| MPTOMS (            |  |   |   |                  |   |  |  |  |  |
|---------------------|--|---|---|------------------|---|--|--|--|--|
|                     | OF EXPOSURE:   | Harmful if swallo   | wod Advorso symptoms m  | av includo burn  | ns to mouth, throat and stomach, abdominal pain, nausea and                               |  |  |  |  |
|                     | INGESTION:   | diarrhea. Althou  | gh inadvertent ingestion of   | small quantitie  | es of wet concrete or its dry ingredients are not known to be                             |  |  |  |  |
|                     | INHALATION:  | May cause respin<br>Exposure to thes<br>conditions. Expo-<br>upper respirator   | ul, ingestion of larger quantities can be harmful and requires immediate medical attention<br>ause respiratory tract irritation and coughing. Some ingredients may contain trace amounts of crystalline silica.<br>ure to these ingredients in excess of the applicable TLV or PEL (see Section 2) may cause or aggravate other lung<br>ions. Exposure to Portland cement may cause irritation to the moist mucous membranes of the nose, throat, and<br>respiratory system. It may also leave unpleasant deposits in the nose. May cause allergy or asthma symptoms or<br>ing difficulties if inhaled.   |                  |   |  |  |  |  |
| ACUTE               | SKIN CORROSION<br>SKIN IRRITATION                                | Exposure during<br>irritation or more<br>more severe skir<br>skin damage in tl<br>skin is abraded (s<br>ulcers. Persons a | Exposure during the handling or mixing of the dry ingredients may cause drying of the skin with consequent mild irritation or more significant effects attributable to aggravation of other conditions. Exposure to wet concrete may cause more severe skin effects including thickening, cracking, or fissuring of the skin. Prolonged exposure can cause severe skin damage in the form of (caustic) chemical burns. May cause skin burns. A more severe response may be expected if skin is abraded (scratched or cut). The response may appear in a variety of forms ranging from a mild rash to severe skin ulcers. Persons already sensitized may react to their first contact with the product. Other persons may first experience this effect after years of contact. |                  |   |  |  |  |  |
|                     | SERIOUS EYE  |   |   | -                | rse symptoms may include tearing, redness, pain and in the                                |  |  |  |  |
|                     | DAMAGE &<br>IRRITATION   |   | •   |                  | nea. wet concrete may cause effects ranging from moderate                                 |  |  |  |  |
|                     | SPECIFIC TARGET<br>ORGAN GENERAL<br>TOXICITY:<br>SINGLE EXPOSURE | This product con  | hemical burns and blindness tains components that may cause respiratory tract irritation after single exposure.   |                  |   |  |  |  |  |
|                     | SPECIFIC TARGET  |   | tains components that m   | ay cause respi   | ratory tract irritation (asthma, bronchitis, emphysema, and                               |  |  |  |  |
|                     | ORGAN GENERAL<br>TOXICITY:<br>REPEAT EXPOSURE                    | chronic obstructi<br>and kidney disea   | hronic obstructive pulmonary disease), lung disease or lung cancer, kidney disease, tuberculosis, silicosis, autoimmune<br>nd kidney diseases after prolonged and repeat exposure to airborne free respirable crystalline silica if product is<br>andled without adequate protection.   |                  |   |  |  |  |  |
|                     | ASPIRATION   |   |   |                  |   |  |  |  |  |
|                     | HAZARD:  |   |   |                  |   |  |  |  |  |
|                     | Respiratory and<br>Skin Sensitizer:                              | Cement at level <0.1  | product contains trace amounts of chemical (impurity) that is reported to be a skin sensitizer: present in Portland<br>ent at level <0.1%<br>to humans is not expected from exposure to this product  |                  |   |  |  |  |  |
|                     | Generative Cell  |   |   |                  |   |  |  |  |  |
|                     | Mutagenicity   |   |   |                  |   |  |  |  |  |
|                     |  |   | Pozzolonic additives  | IARC:            | Group 1 (Carcinogenic to humans)  |  |  |  |  |
|                     |  |   | (silicon based)<br>CAS #: 14808-60-7:   | NTP:<br>ACGIH:   | Known to be a Human Carcinogen (Respirable size)<br>Group A2 (Suspected Human Carcinogen) |  |  |  |  |
|                     |  |   |   | NIOSH:           | Potential occupational carcinogen   |  |  |  |  |
|                     |  |   | Portland Cement   |                  |   |  |  |  |  |
|                     |  | This product  | CAS # 65997-15-1  | ACGIH            | A4 - Not Classifiable as a Human Carcinogen   |  |  |  |  |
| CHRONIC<br>TOXICITY |  | contains  | Crystalline Silica  | IARC:            | Group 1 (Carcinogenic to humans)  |  |  |  |  |
| UNICITY             | TΥ   | components  | (QUARTZ),   | NTP:             | Known to be a Human Carcinogen (Respirable size)  |  |  |  |  |
|                     | Carcinogenicity:   | reported to be<br>carcinogenic to   | CAS #: 14808-60-7:  | ACGIH:<br>NIOSH: | Group A2 (Suspected Human Carcinogen) Potential occupational carcinogen                   |  |  |  |  |
|                     |  | humans. Group   | Amorphous Silica,<br>CAS #: 7631-86-9:  | IARC:            | Group 3 (Not Classifiable as to its   |  |  |  |  |
|                     |  |   |   |                  | Carcinogenicity to Humans)  |  |  |  |  |
|                     |  |   | Chromium (VI)<br>Compounds,<br>CAS #: 18540-29-9:   | IARC:            | Group 1 (Carcinogenic to humans)  |  |  |  |  |
|                     |  |   | Titanium dioxide,<br>CAS #: 13463-67-7:   | IARC:<br>ACGIH:  | Group 2B (Possibly Carcinogenic to Humans)<br>Not classifiable as human carcinogen        |  |  |  |  |
| Reproductiv         |  |   |   |                  | product contains trace amounts of chemical (impurities) th                                |  |  |  |  |
| Toxicity:           | are reported to  | o cause developmenta  | I issues. Chromium (VI) Co  | mpounds, CAS     | #: 18540-29-9 and Methyl alcohol, CAS #: 67-56-1  |  |  |  |  |
| General             |  |   |   |                  |   |  |  |  |  |



#### **Pro Bond Ultra**

| ECTIONS 12 – ECC  | LOGICAL II                             | NFORMATION  |  |  |  |  |  |  |
|---|--|---|--|--|--|--|--|--|
| ΕCOTOXICITY   |  | Not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills   |  |  |  |  |  |  |
|   |  | can have a harmful or damaging effect on the environment.   |  |  |  |  |  |  |
| PERSISTENCE AND DEGR<br>BIOACCUMULATIVE POT   |  | No information available for the product, believed to be not readily biodegradable by OECD criteria.<br>No information is available for the product, but it is believed that no significant accumulation in organisms is expected               |  |  |  |  |  |  |
| MOBILITY IN SOIL:   |  | No information is available for the product, but it is believed that no significant decandation in organisms is expected.   |  |  |  |  |  |  |
| OTHER ADVERSE EFFECT  |  | No information is available for the product   |  |  |  |  |  |  |
|   |  |   |  |  |  |  |  |  |
|   | LTS: No inform                         | ation is available for this product mixture. Results for components, where available:   |  |  |  |  |  |  |
| Pozzolonic additives<br>(silicon based)CAS #: Not known to be ecotoxic; no data suggests that is toxic to birds, fish, invertebrates, microorganisms or plants.<br>14808-60-7   |  |   |  |  |  |  |  |  |
|   | case of large of                       | as environmentally hazardous; However, this does not exclude harmful or damaging effect on the environment in the or frequent spills.   |  |  |  |  |  |  |
| Calcium Sulfate<br>CAS #:13397-24-5   | •                                      | thead minnow), 96hrs: >1970 mg/L.<br>lity: Not applicable for the salt of inorganic compounds.  |  |  |  |  |  |  |
| CA3 #.13337-24-3  | -                                      | ion: not expected.  |  |  |  |  |  |  |
|   |  | il: a low potential for adsorption to soil; however, it dissolves in presence of water.   |  |  |  |  |  |  |
|   | Acute toxicity                         |   |  |  |  |  |  |  |
|   |  | inbow Trout), 96hrs: >10,000 mg/L<br>tebrates EC50 (Daphnia magna), 48hrs: >1,000 mg/L  |  |  |  |  |  |  |
| Calcium Carbonate   |  | s EC50 (Algae), 72hrs: >200 mg/L  |  |  |  |  |  |  |
| CAS #: 1317-65-3  | In solid state,<br>should be the       | this mineral is a major part of the rocks of earth's surface and is not biodegradable. Negative effect on environment refore excluded. It is dissolved in a natural state and indispensable part of natural waters. Concentrated suspensions    |  |  |  |  |  |  |
| ECTION 13 - DISP  |  | natural waters may have an unfavorable effect on water organisms.   |  |  |  |  |  |  |
| PRODUCT DISPOSAL:   |  | ion of waste should be avoided or minimized wherever possible. If product becomes a waste, it does not meet criteria o  |  |  |  |  |  |  |
| hazardous waste as defined in 40 CFR 261, Subpart C and D. Do not discharge or dump material into sewer system, the g<br>bodies of water. Spill cleanup residues may still be subject to RCRA storage and disposal requirements. Dispose waste in con<br>with local, state and federal regulations via licensed waste disposal contractor. See Section 7 for Handling Procedures. See S |  |   |  |  |  |  |  |  |
| CONTAINER DISPOSAL:   |  | Protective Equipment recommendations<br>mptying, container may retain residues. Containers should be completely emptied and safely stored until appropriatel  |  |  |  |  |  |  |
| reconditioned or dispose of (contents/container) in accordance with local/regional/national/international regulations.  |  |   |  |  |  |  |  |  |
| ECTION 14 - TRAN  | ISPORTATI                              | ON CONSIDERATIONS   |  |  |  |  |  |  |
| Land transport, U.S. DO   | r: Non                                 | -Regulated  |  |  |  |  |  |  |
| Sea transport, IMDG   |  | -Regulated  |  |  |  |  |  |  |
| Air transport, IATA/ICAC  |  | -Regulated  |  |  |  |  |  |  |
|   | JLATORY IN                             | NFORMATION (Non-Mandatory Section as per OSHA: Not a Complete List)   |  |  |  |  |  |  |
| S. REGULATIONS  |  |   |  |  |  |  |  |  |
| OSHA HCS:<br>TSCA REGULATIONS:  |  | This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29CFR 1910.1200.<br>All components of this product are listed or are exempt from TSCA Inventory requirements under 40 CFR 720.30                   |  |  |  |  |  |  |
| EPCRA Section 302 (40 C   | FR Part 355)                           | (Emergency Response Planning, Extremely Hazardous Substance): No components are subject to the reporting.   |  |  |  |  |  |  |
| EPCRA Section 304 (40 C   |  | (Emergency Release Notification Requirements): No components are subject to the reporting.  |  |  |  |  |  |  |
| EPCRA Sections 311 & 3  | 12                                     | (Hazardous Chemical Inventory Reporting, Hazard Categories): Acute Health Hazard, Chronic Health Hazard   |  |  |  |  |  |  |
| EPCRA Section 313 40 CI   | R Part 372)                            | (Toxic Chemical Release Inventory Reporting): No components or impurities of this product are present above D<br>Minimis level and therefore do not require reporting.  |  |  |  |  |  |  |
| CERCLA Sections 102-10  | 3                                      | (Hazardous Substances Release Notification): No components are subject to the reporting. Some of the component  |  |  |  |  |  |  |
| (40 CFR Part 302)   |  | contain trace amounts of the following chemicals that require reporting if a criterion of reportable quantity is fulfilled<br>Fine Mineral Fibers of average diameter ≤1µm (including Crystalline Silica, CAS #: 14808-60-7 with diameter ≤1µm) |  |  |  |  |  |  |
|   | Ozone Der                              | bleting Substances (ODS): This product does not contain and is not manufactured with ozone depleting substances.  |  |  |  |  |  |  |
| CLEAN AIR ACT   |  | Air Pollutants, OSHA, Section 112(b), Table Z-1 and Table Z-3:  |  |  |  |  |  |  |
| OMPONENT ANALYSIS -   | STATE                                  |   |  |  |  |  |  |  |
| STATE The fellowing of  | ++++++++++++++++++++++++++++++++++++++ | INFORMATION   |  |  |  |  |  |  |
|   |  | e provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):<br>ains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.                          |  |  |  |  |  |  |
|   |  |   |  |  |  |  |  |  |



#### **Pro Bond Ultra**

#### **SECTION 16 – OTHER INFORMATION**

HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS) NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme E-Protective Equipment: Safety glasses, gloves, Dust Respirator

| Health              | 1 |
|---------------------|---|
| Flammability        | 0 |
| Reactivity          | 0 |
| Personal Protection | E |

#### **OTHER INFORMATION:**

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