

**Section 1. Identification**

**Product Name:** PROFLEX® PRO-STICK 32  
**Effective Date:** 31 May 2015 **Replaces:** 10 January 2011  
**Manufacturer Name:** PROFLEX® Products, Inc.  
**Address:** 1603 Grove Ave  
 Haines City, FL 33844  
**EMERGENCY PHONE:** 877-577-6353

**Section 2. Hazard(s) Identification**



**GHS Signal Word:** WARNING  
**POTENTIAL HEALTH EFFECTS:**  
**CODE OF HAZARD STATEMENTS:**  
 Physical hazards  
 None.  
 Health Hazards  
 H303, Harmful if swallowed.  
 H320, Causes eye irritation.  
 H335, May cause respiratory irritation.  
 H313, May be harmful in contact with skin.  
 Environmental hazards  
 None.

**CODE OF PRECAUTIONARY STATEMENTS:**  
 General  
 P101, Keep out of reach of children.  
 P103, Read label before use.  
 Prevention  
 P280, Wear protective gloves/protective clothing/eye protection/face protection.  
 Response  
 P302+P352, Wash with plenty of soap and water.  
 P305+P351+P338, If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P304+P341, If inhaled: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P301+P310, If swallowed: IMMEDIATELY call a POISON CENTER or doctor/physician.  
 Storage  
 P402, Store in a dry place.

**ROUTES OF ENTRY:** Eye contact, skin absorption, ingestion and inhalation.  
**CARCINOGENICITY:** Crystalline silica is a carcinogen.

**Section 3. Composition / Information on Ingredients**

Ingredients		
Components	CAS #	Exposure Limit
Crystalline silica	14808-60-7	OSHA PEL (Respirable quartz): 10 mg/m <sup>3</sup> (% silica + 2) ACGIH TLV: 0.025 mg/m <sup>3</sup> (respirable)
Portland Cement	65997-15-1	OSHA PEL (Respirable): 5 mg/m <sup>3</sup> OSHA PEL (total): 15 mg/m <sup>3</sup> ACGIH TLV (Respirable): 10 mg/m <sup>3</sup> (less than 1% Quartz)

#### Section 4. First Aid Measures

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Skin Contact:** Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If having difficulty breathing, give oxygen. Get immediate medical attention.

**Ingestion:** If swallowed, get medical attention immediately. DO NOT INDUCE VOMITING.

#### Section 5. Fire Fighting Measures

**Flash Point:** N/A

**Suitable extinguishing agents:** For the dried product, use carbon dioxide, dry chemical, or alcohol foam.

**Hazardous combustion products:** N/A

**Protective equipment:** N/A

**Firefighting instructions:** N/A

#### Section 6. Accidental Release Measures

**Measures for environmental protection:** Keep spilled products out of sewers, streams, and water systems.

**Measures for cleaning / collecting:** For dry material, collect by sweeping and scooping. Transfer collected material to a container, being careful to minimize the creation of dust. For wet material, scoop material up and transfer to an open container. Allow material to dry before disposal.

**Additional Information:** See section 13 and section 15 for specific regulatory information concerning this product.

#### Section 7. Handling and Storage

**Handling:** Wear appropriate protective equipment when working with this product. Promptly remove dusty clothing, or clothing wet with product mix, and launder before re-using. Wash thoroughly after exposure to product dust, or wet product mixtures. Keep out of the reach of children.

**Storage:** Store in a dry location. Atmospheric temperatures and pressures do not affect the shelf life of this product. However, moisture contamination will render the product useless. Keep product concentrate dry until use.

#### Section 8. Exposure Controls / Personal Protection

**Additional information about design of technical facilities:** N/A

**Additional Information:** The lists valid during the making were used as a basis.

**Personal Protective Equipment:**

*Ventilation:* Use local exhaust. General exhaust acceptable if the exposure to materials above is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, and 1910.108.

*Respiratory Protection:* If personal exposure cannot or may not be controlled below applicable limits by ventilation, wear a properly fitted respirator approved by NIOSH/MSHA for protection against materials described above.

*Eye Protection:* Wear safety glasses to reduce the potential for eye contact.

*Skin Protection:* Prevent prolonged or repeated contact by using rubber gloves and appropriate protective clothing.

#### Section 9. Physical and Chemical Properties

<b>General Information</b>	
<i>Form</i>	Powdered Solid
<i>Color</i>	White and/or gray
<i>Odor</i>	No distinct odor
<i>pH</i>	12-13 in water
<b>Change in condition</b>	
<i>Melting Point/Melting Point Range</i>	n/a
<i>Boiling Point/Boiling Point Range</i>	n/a
<i>Evaporation Rate</i>	n/a
<i>Vapor Density</i>	n/a
<b>Specific Gravity</b>	2.64
<b>Solubility in/Miscibility in water</b>	dispersible
<b>Density at 20°C</b>	21.96 lb/gal
<b>VOC</b>	0 g/l (0.0lb/gal)

**Section 10. Stability and Reactivity**

**Conditions to be avoided:** None known.

**Chemical stability:** Stable

**Materials to be avoided:** None known.

**Hazardous polymerization:** Will not occur.

**Dangerous decomposition products:** Will not spontaneously occur. Addition of water will produce caustic calcium hydroxide, which can cause chemical burns.

**Section 11. Toxicological Information**

**Acute Toxicity:**

*Crystalline Silica (quartz, cristobalite):* Considered a known human carcinogen by Federal (OSHA) and advising health agencies (IARC, NIOSH, and NTP). Additionally, crystalline silica can cause a lung condition known as silicosis after long term exposure to dusts containing crystalline silica. Exposure of workers to crystalline silica containing dusts is specifically regulated by OSHA. The use of a correctly fitted, NIOSH approved respirator suitable for use against crystalline silica inhalation is essential for minimizing exposure to this danger.

*Mineral Dusts:* Some items mentioned in Section 8 are considered mineral dusts by OSHA and a correctly fitted, NIOSH approved respirator is required when working with this product.

*Portland Cement and Calcium Hydroxide:* A single, short term exposure to the dry form of these two items, which are present in this cement concentrate mix, are not likely to cause serious harm. However, exposure of sufficient duration to wet cement can cause serious, potentially irreversible tissue destruction of the skin or eye from caustic chemical burns, including third degree burns. The same type of tissue destruction can occur if wet or moist areas of the body are exposed for sufficient duration to dry cement concentrate. Wet cement is caustic and personal protective equipment, and proper work hygiene, must be employed for protection against personal injury.

**Primary Irritant effect:**

On the skin: Exposure of skin to wet product mix may cause skin chemical burns. Symptoms of exposure may take several hours to manifest.

On the eye: Exposure of eyes to wet product mix may cause chemical burns and blindness. Exposure to airborne dust can cause immediate or delayed irritation or inflammation.

Through ingestion: May be harmful if ingested.

Through inhalation: Dust generated during handling this product concentrate may cause irritation to the respiratory tract.

Additional toxicological information: N/A

**Section 12. Ecological Information**

Elimination (persistence and degradability) N/A  
 Behaviour in environmental systems N/A  
 Mobility and bioaccumulation potential N/A  
 General notes N/A

**Section 13. Disposal Considerations**

**Product Recommendation:** This product must be disposed of in accordance with applicable local, state and federal regulations. Where possible, it is best to use up any excess material.

**Uncleaned packaging recommendations:** Disposal must be made according to official regulations.

**Section 14. Transport Information**

Land transport USDOT Not classified as a dangerous good under transport regulations.  
 Sea transport IMDG Not classified as a dangerous good under transport regulations.  
 Air transport IATA/ICAO Not classified as a dangerous good under transport regulations.

**Section 15. Regulatory Information**

**US Federal Regulations**

CERCLA, section 103 (40CFR302.4)
This product contains the following toxic chemicals that require notification of the National Response Center of releases of quantities of hazardous substances equal to or greater than the Reportable Quantities (RQ): No reportable quantities are present.
Clean Air Act, section 112
This product contains the following components present at or above the minimum level and listed as Hazardous or Extremely Hazardous Air Pollutants: No reportable quantities are present.
SARA, section 302 (40CFR355.30) and section 304 (40CFR355.40)
This product contains the following items that require emergency planning based on Threshold Planning Quantities (TPQ) or release reporting based on RQ: No reportable quantities are present.
SARA, section 311/312 (40CFR370.21) Hazard classification for this product
Fire: No Pressure generating: No Reactivity: No Acute Health: Yes Chronic Health: Yes
EPA VOC regulations
Theoretical VOC for this product = 0 g/l(0.0lb/gl)
TSCA
All components of this product are listed, or are exempt from listing on the TSCA inventory.
OSHA
This Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard )20 CFR1910.1200. Unlisted ingredients are not 'hazardous' per OSHA standards.
In addition to the items listed in Section 11, this product contains the following items that are specifically regulated by OSHA. Exposure limits may be found in section 8.
Portland Cement CAS# 65997-15-1

**State Regulations**

California Prop65			
Warning - The following chemicals are present in this coating product in small amounts. These chemicals are listed by the California EPA as materials known to the State of California to cause cancer, (and/or) birth defects, (and/or) other reproductive harm:			
	Crystalline Silica	CAS#	14808-60-7
	Portland Cement	CAS#	65997-15-1
	Calcium Carbonate	CAS#	16389-88-1

**Abbreviations:**

CAS #	Chemical Abstract Service Number	EINECS	European Inventory of existing Commercial Chemical Sales
°C	Celsius temperature scale	°F	Fahrenheit temperature scale
Prop.	Proprietary	PE	Personal Protective Equipment
TLV	Threshold Limit Value	TWA	Time Weighted Average
STEL	Short-term Exposure Limit	PEL	Permissible Exposure Limit
OSHA	Occupational Safety & Health	NIOSH	National Institute of Safety & Health
NFPA	National Fire Protection Agency	WHMIS	Workplace Hazardous Materials Information System
NTP	National Toxicology Program	IARC	Int. Agency for Research on Cancer
RCRA	Resource Conservation Recovery Act	TSCA	Toxic Substance Control Act
EC50	Effective Dose	LC50	Lethal Inhalation Concentration
LD50	Lethal Dose	CAS	Chemical Abstract Service Number
LEL	Lower explosive limit	UEP	Upper explosive limit
NDA	No Data Available	ND	Not determined
NE	None established	NA	Not Applicable
≤	Less Than or Equal To	≥	Greater Than or Equal To
CNS	Central Nervous System	CI	China
DSL	Canada	ECL	Korean Existing Chemicals List
EEC	European Economic Commission	ENCS	Japanese Existing and New Chemical List
EU	European Union	MAC	Netherlands
MAK	Germany	MITI	Japan
PICCS	Philippines	SWISS	Giftlist 1
UK	United Kingdom	USA	United States
VOC	Volatile organic content		
ACGIH	American Conference of Governmental Industrial Hygienists		
SARA	Superfund Amendments and Reauthorization Act		
AICS	Australian Inventory of Chemical Substances		
IARC	International Agency for Research on Cancer		
Taiwan	List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086		

**Section 16. Other Information**

**Hazardous Material Information (HMIS)**

**National Fire Protection Association (NFPA)**

Health	1	1	Health
Fire	0	0	Fire
Reactivity	0	0	Instability
Personal Protection	E		NA

Health 4 Deadly 3 Extreme Danger 2 Dangerous 1 Slight hazard 0 No hazard  
 Fire 4 < 73 °C 3 < 100 °C 2 < 200 °C 1 >200 °C 0 Will not burn  
 Reactivity/Instability 4 – May detonate 3 Explosive 2 Unstable 1 Normally stable 0 Stable

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