

Section 1. Identification

Product Name: PROFLEX® PS42 XLT
Product Category: Flooring
Purpose: Adhesive
Effective Date: 05 18 2015
Manufacturer/Supplier Name: PROFLEX® Products, Inc.
1603 Grove Ave
Haines City, FL 33844
Emergency Contact: 877-577-6353

Section 2. Hazard(s) Identification

Hazard pictograms (GHS-US): Irritant



Hazard pictogram (GHS-US): Health Hazards



Signal word (GHS-US): Warning
Hazard statement (GHS-US): H303
H320
H335
H313

Can be harmful if swallowed
Causes eye irritation
May cause respiratory irritation
May be harmful in contact with skin

Precautionary statements (GHS-US): P402
PS280
P302+P352
P305+P351+P338
P304+P341
P301+P310

Store in a dry place
Wear protective gloves/protective clothing/
eye protection/face protection
IF ON SKIN: Wash with plenty of soap and water
IF IN EYES: Rinse cautiously with water for
several minutes. Remove contact lenses, if
present and easy to do. Continue rinsing.
IF INHALED: If breathing is difficult, remove victim
to fresh air and keep at rest in a position
comfortable for breathing.
IF SWALLOWED: Immediately call a POISON
CENTER or doctor/physician

HMIS codes:

Health
Flammability
Reactivity
Protective equipment

1*
0
0
E

Information concerning particular hazards for human and environment:
May be harmful if ingested.
Dust may be irritating to eyes, respiratory system, and skin.
Not known to cause reproductive harm or birth defects.
Keep out of the reach of children.

Section 3. Composition / Information on Ingredients

Chemical characterization:

Dangerous components:			
CAS#	Name	Exposure limit	
14808-60-7	Crystalline silica	OSHA PEL (Respirable quartz)	10 mb/m3 (% silica + 2)
		ACGIH TLV	0.025 mg/m3 (respirable)
65997-15-1	Portland cement	OSHA PEL (Respirable)	5 mb/m3
		OSHA PEL (total)	15 mb/m3
		ACGIH TLV (Respirable)	10 mb/m3 (Less 1% Quartz)

Section 4. First Aid Measures

General Information: N/A

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

After skin contact: Wash the affected area thoroughly with soap and water. Remove contaminated clothing and launder before reuse.

After eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

After swallowing: Do not induce vomiting. Get medical attention immediately.

Section 5. Fire Fighting Measures

General Information: This product does not support combustion and is non-flammable.
Flash point: N/A
Suitable extinguishing products: 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 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 reusing. Wash thoroughly after exposure to product dust, or wet stucco mixers. Keep out of the reach of children.

Storage

Store in a dry location. Atmospheric temperature and pressure 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

General Information:

form	Powdered solid
color	White and/or grey
odor	No distinct odor
pH	12-13 in water
Change in condition:	
Melting point/melting point range	N/A
Boiling point/boiling point range	N/A
Evaporation rate	N/A
Vapor density	N/A
Specific gravity	2.4
Solubility in/Miscibility with water	Dispersible
Density at 20°C	19.99 lb/gal
VOC	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 dust 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 cements 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 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
Behavior in environmental systems: N/A
Mobility and bioaccumulation potential: N/A
General notes: N/A

Section 13. Disposal Considerations

Product recommendations: 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.

Uncleansed 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 Quantity (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
SARA, section 313 (40CFR372.65)
This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986:
No reportable quantities are present.
EPA VOC regulations
Theoretical VOC for this product = 0 g/l(0.0lb/gal)
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 (29 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
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

Section 16. Other Information

The information and recommendations set forth herein are believed to be accurate. Because some of the information used to prepare this document is derived from information provided by PROFLEX Products, Inc. from its suppliers, and because PROFLEX Products, Inc. has no control over the conditions of handling and use, PROFLEX Products, Inc. makes no warranties, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof and assumes no responsibility for the use or reliance thereon. It is the responsibility of the user of PROFLEX Products, Inc. to comply with all applicable federal, state, and local laws and regulations.