



## MATERIAL SAFETY DATA SHEET

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### COMPANY INFORMATION

Proflex Products, Inc. 2500 Drane Field Road, Suite 105, Lakeland, FL 33811  
Phone: 877-577-6353, 863-937-9623  
Medical Emergency Phone Number (24 Hours): 1-888-853-1758  
Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

#### PRODUCT INFORMATION

PRODUCT NAME: IFR  
PRODUCT DESCRIPTION: Industrial Floor Repair Compound

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous Materials Information System ingredient disclosure list. See Section 8 for any additional exposure limit guidelines.

<u>Chemical Name</u>	<u>CAS #</u>	<u>OSHA mg/m<sup>3</sup></u>	<u>PEL mg/m<sup>3</sup></u>
Di-Calcium Sulfate	10034-77-2	1-5	
Tri-Calcium Aluminate	12042-78-3	0.1-1	
Tetra-Calcium-Alumino-Ferrite	12068-35-8	1-5	
Tri-Calcium Silicate	12168-85-3	0.1-1	
Magnesium Silicate	14807-96-6	0.1-1	
Crystalline Silica (Quartz)	14807-60-7	0.1-1	
Plaster of Paris	26499-65-0	1-5	
SiO <sub>2</sub> , Silica, Fused	60676-86-0	60-100	
Fused Calcium Aluminate	65997-16-2	10-30	
Calcium Sulfate	No Data	0.1-1	

### SECTION 3: HAZARDS IDENTIFICATION

#### Routes of Hazard

Exposure Determination

Inhalation

Effects of Acute Overexposure

Effects of Chronic Overexposure

Medical Condition Aggravated by Exposure

Eyes and Skin

Inhalation and Ingestion

#### Basis for Determination

Contains Silica\*

\* Prolonged inhalation of excessive silica dust may reduce lung function. Silica is known as a human carcinogen (category I). Silica is listed in the National Toxicology Program IARC Monograph

No acute effects.

Long term overexposure to high concentrations of this dust without the use of a dust mask may reduce respiratory function in some individuals.

Unknown

No special precautions. Flush with water for 20 minutes

No special precautions

### SECTION 4: FIRST AID MEASURES

IF IN EYES: Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

IF ON SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

IF INHALED: Remove to fresh air. Call a physician if symptoms persist.

IF SWALLOWED: No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

### SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: Non flammable

AUTOIGNITION TEMPERATURE: Not established

LOWER EXPLOSIVE LIMIT (% in air): Not established

UPPER EXPLOSIVE LIMIT (% in air): Not established

EXTINGUISHING MEDIA: Use water spray, foam, dry chemical or carbon dioxide.

UNUSUAL FIRE AND EXPLOSION HAZARDS: There is a possibility of pressure buildup in closed containers when heated. Water spray may be used to cool the containers.

SPECIAL FIRE FIGHTING INSTRUCTIONS: Persons exposed to products of combustion should wear self contained breathing apparatus and full protective equipment.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, Carbon monoxide Nitrogen containing gases

### SECTION 6: ACCIDENTAL RELEASE MEASURES

SPECIAL PROTECTION: No health effects expected from the cleanup of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this MSDS.

CLEAN-UP: Material is not classified as a toxic pollutant or a hazardous substance under Section 307 and 311 of the Clean Water Act. Accidental releases can be cleaned up by sweeping, vacuuming, or flushing with water.



## MATERIAL SAFETY DATA SHEET

### **SECTION 7: HANDLING AND STORAGE**

Handling: Mildly irritating material. Avoid unnecessary exposure.

Storage: Store in a cool, dry place.

Consult the Technical Data Sheet for specific storage instructions.

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EYE PROTECTION:** Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with airborne material. Have an eye wash station available.

**SKIN PROTECTION:** Avoid skin contact by wearing chemically resistant gloves.

**GLOVES:** Nitrile

**RESPIRATORY PROTECTION:** Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.

Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134).

**VENTILATION:** Use local exhaust ventilation or other engineering controls to minimize exposures.

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Powder

**ODOR:** None

**BOILING POINT (deg. C):** Not established

**VAPOR PRESSURE (mm Hg):** Not established

**EVAPORATION RATE:** Not established

**COLOR:** Grey

**ODOR THRESHOLD:** Not established

**FREEZING/MELTING POINT (deg. C):** Not established

**VAPOR DENSITY:** Not established

**OCTANOL/WATER COEFFICIENT:** Not established

### **SECTION 10: STABILITY AND REACTIVITY**

**STABILITY:** Stable under normal conditions.

**CHEMICAL INCOMPATIBILITY:** Strong oxidizing agents

**HAZARDOUS POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

### **SECTION 11: ECOLOGICAL INFORMATION**

**OVERVIEW:** No ecological information available

### **SECTION 12: DISPOSAL CONSIDERATIONS**

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

### **SECTION 13: TRANSPORTATION INFORMATION**

Consult Bill of Lading for transportation information.

DOT: NOT REGULATED ,,,

### **SECTION 14: REGULATORY INFORMATION**

**HMIS (Hazard Materials Identification System) Rating:**

Health – 0      Fire – 0      Reactivity – 0      Protection - B

**Carcinogenicity:** OSHA – NO / NTP – NO / IARC – NO

(Degree of hazard: 0 = No Hazard, 4 = Severe Hazard)

**USERS RESPONSIBILITY:** A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions - in addition to those described herein - are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

**DISCLAIMER OF LIABILITY:** The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

Legend of terms

< = Less Than    > = More Than

N/A = Not Applicable or Not Available    N.D. = Not Determined    N.E. = None Established

PEL(OSHA): Permissible Exposure Limits    TLV (ACGIH)

AEL: The manufacturer of this product has established an Acceptable Exposure Limit. Where governmental imposed occupational limits are lower than the AEL are in effect, such limits shall take precedence

**END OF SECTION**

**03/ 2012**