SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name: Mar-Tek Tile Polishing Powder A and B

Product Code: VMCTPPA / VMCTPPB

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: Tile and marble polishing

1.3 of the supplier of the Safety Data Sheet

Manufacturer: Mar-Tek Industries

Address: 301 Industrial Drive, Forney Texas 75126

Phone: (214) 350-9401

1.4 Emergency telephone number

Chem Tel Inc. (800) 255-3924 and +1(813) 248-0585

SECTION 2: Hazards Identification

2.1 Classification of substance or mixtures:

GHS classification: Acute toxicity, oral Category 3
Acute toxicity, dermal Category 4
Acute toxicity, inhalation Category 4
Skin corrosion/irritation Category 1A
Serious eye damage Category 1

Signal word: DANGER

Pictogram

2.2 GHS Label elements, including precautionary and hazard statements:

Hazard statements:
H301 Toxic if swallowed
H312 Harmful in contact with skin
H332 Harmful if inhaled
H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage
Precautionary statements:

**Prevention:**
P264 Wash hands/skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing.
P261 Avoid breathing dust/fume/gas/mists/vapour/spray.
P271 Use only outdoors or in a well-ventilated area.

**Response:**
P301+310 IF SWALLOWED: Immediately call POISON CENTER/doctor or physician.
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P310 Specific treatment (See on this label)
P303+361+353 IF ON SKIN(or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363 Wash contaminated clothing before reuse.
P312 Call POISON CENTER/doctor or physician, if you feel unwell.
P321 Specific treatment (Refer section 4)
P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage**
P405 Store locked up.

**Disposal:**
501 Dispose contents/container to a hazardous receptacle or special waste collection point, in accordance with local, regional, national and international regulations.

2.3 Other hazards:
No additional information available
2.4 Unknown acute toxicity (GHS-US)

### SECTION 3: Composition/Information on Ingredients

#### 3.1 Substance
Not applicable

#### 3.2 Mixture

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Common Names</th>
<th>CAS No.</th>
<th>Content By Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnesium hexafluorosilicate Hexahydrate</td>
<td>Magnesium fluosilicate</td>
<td>18972-56-0</td>
<td>40-50%</td>
</tr>
<tr>
<td>Other non hazardous component</td>
<td></td>
<td></td>
<td>50%</td>
</tr>
</tbody>
</table>

### SECTION 4: First aid measure

#### 4.1 Descriptions of first aid measures:

**General advice:** *Provide this SDS to medical personnel for treatment*

- **If on eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Seek medical attention if eye irritation occurs.
- **If on skin (or hair):** Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Call POISON CENTER or doctor/physician if you feel unwell.
- **If swallowed:** DO NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
- **If inhaled:** Remove victim to fresh air right away and keep at rest in a position comfortable for breathing. Call POISON Center or doctor/physician if you feel unwell.

#### 4.2 Most important symptoms and effects, both acute and delayed:
Sign and symptoms relating to use: Ingesting a little amount of this substance or material will result to a serious health hazard such as hypocalcemia, abdominal pain, salivation, vomiting, nausea, diarrhea and fever.

4.3 Indication of any immediate medical attention and special treatment needed:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**SECTION 5: Fire-fighting measures**

5.1 Extinguishing media:

**Suitable extinguishing media:** Product not flammable. Use appropriate media for adjacent fire. Cool containers with water.

**Unsuitable extinguishing media:** Heavy water stream.

5.2 Specific hazards arising from the chemical:

Toxic. In combustion emits toxic fumes.

5.3 Special protective measures for firefighters:

Wear self-contained breathing apparatus. Wear protective gear to protect skin and eyes.

**SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures:

General measures: Use proper personal protective equipment as indicated in Section 8.

6.1.1 For non-emergency personnel:

Protective equipment: Wear protective equipment as described in SECTION 8.

Emergency procedures: Evacuate unnecessary personnel.

6.1.2 For emergency responders:

Protective equipment: Equip cleanup crew with proper protection as required. Ventilate area.

6.2 Environmental precautions:

Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements.

6.3 Methods and materials for containment and cleaning up:

**Method of containment:** Contain spilled liquid with sand or earth. Recover by pumping or with suitable absorbent.

**Method of cleaning up:** Wash spill area with plenty of water. Spills and releases may have to be reported to Federal and/or local authorities. See SECTION 15.

6.4 Reference to other sections:

No additional information available.
SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Handling: Refer section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Do not ingest. Do not get in eyes, skin or in clothing. Thoroughly wash hand or skin after using. Keep container closed when not in use.

7.2 Conditions for safe storage, including any incompatibilities:

Storage condition: Store in cool, dry well ventilated area. Must be kept in original container. (Refer section 10 for incompatibilities)

7.3 Specific end uses:

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters.

Occupational exposure limits: No data available

Appropriate engineering controls: Ventilation should be provided to control worker exposures. And prevent health risk.

8.2 Exposure controls:

Personal protection: Avoid all unnecessary exposure

Personal protective equipment:

Eyes: Wear chemical safety glasses and goggles with a face shield.
Inhalation: Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.
Skin and body protection: Wear nitrile gloves, rubber apron or full chemical suit and boots.
Other recommendations: Provide eye wash stations, quick drench showers and washing facilities accessible to areas of use and handling.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Off white</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Initial boiling point/boiling range</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not considered to be a fire hazard</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not flammable</td>
</tr>
<tr>
<td>Upper/Lower flammability or explosive limits</td>
<td></td>
</tr>
<tr>
<td>Flammability limit-lower (%)</td>
<td>Not flammable/explosive</td>
</tr>
<tr>
<td>Flammability limit-upper (%)</td>
<td>Not flammable/explosive</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (ies)</td>
<td>Infinite</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
SECTION 9: Other information

9.2 Other information

Explosive properties: Not applicable
Oxidizing properties: Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

Not established

10.2 Chemical stability

Stable under recommended storage condition.

10.3 Possibility of hazardous reactions

Not established

10.4 Condition to avoid

Direct sunlight. Temperature not exceeding °C and temperature exceeding 40°C

10.5 Incompatible materials

Strong acids, strong bases.

10.6 Hazardous decomposition products

May emit toxic fumes.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity
Skin: Not available
Eyes: Not available
Respiratory: Not available
Ingestion: Toxic if swallowed

Potential health effect:
Skin: Causes severe skin burns. Maybe harmful if absorbed through skin.
Eyes: Causes serious eye damage
Respiratory: May be harmful if inhaled. May cause nose, throat and lung irritation.
Ingestion: May be harmful if swallowed. Causes digestive tract burns.

Chronic toxicity Criteria not met.
Teratogenicity Criteria not met
Mutagenicity Criteria not met
Embryotoxicity Criteria not met
Specific target organ toxicity: Criteria not met
Carcinogenicity
IARC Not classified as to its carcinogenicity to human.
ACGIH No component of this product present at levels greater than or equal
to 0.1% is identified as carcinogen or potential carcinogen by ACGIH.
NTP No component of this product present at levels greater than or equal
to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA No component of this product present at levels greater than or equal
to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SECTION 12: Ecological information

12.1 Eco-toxicity
   Toxicity information: No data available
   Ecological effects information: Large amount of this substance is toxic to aquatic organisms. Do not contaminate water.

12.2 Persistence and degradability
   No additional information available

12.3 Bio-accumulative potential
   No additional information available

12.4 Mobility in soil
   No additional information available

12.5 PBT and vPvB Assessment
   The substance does not fulfill the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

12.6 Other adverse effects
   Environmental precautions: Avoid release to environment.

SECTION 13: Disposal consideration

13.1 Waste treatment methods
   Waste disposal method: Dispose of in accordance with federal, state and local authorities.
   Contaminated packaging: Dispose of container and unused content in accordance with federal, state and local requirements.

SECTION 14: Transportation information

14.1 Land transport
   US Department Of Transportation
   Shipping Name: Magnesium Fluorosilicate
   Hazard Class: 8
   UN Number: UN2853
   Packaging Group: 6.1 PGIII
   Label statement: None
   Marine pollutant: NO
### SECTION 15: Regulatory information

#### 15.1 Federal regulations

- TSCA (Toxic Substances Control Act Section 8(b) Inventory) Not regulated
- SARA 1986 Immediate hazard Listed

#### 15.2 State regulations

- California proposition 65 Not listed
- Massachusetts Right to Know Act Not listed
- New Jersey Right to Know Act Listed
- Pennsylvania Right to Know Act Listed
- Minnesota Right to Know Act Not listed
- Florida Right to Know Act Not listed

#### 15.3 Federal regulations:

- SARA 302 Not listed
- SARA 304 Not listed
- SARA 311/312 Listed
- SARA 313 Not regulated

### SECTION 16: Other information

Revision Date: 1/16/2015

Revision was made in sections: General revision

<table>
<thead>
<tr>
<th>NFPA Rating:</th>
<th>HMIS III</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>3 Health</td>
</tr>
<tr>
<td>Flammability</td>
<td>0 Flammability</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0 Physical hazard</td>
</tr>
</tbody>
</table>

#### Abbreviation and acronyms

- ACGIH: American Conference of Governmental Industrial Hygienists
- CAS: Chemical Abstract Service
- CEIL: Ceiling
- DOT: Department of Transportation
- GHS: Globally Harmonized System
- HCS: Hazards Communication Standards
- HMIS: Hazardous Materials Identification System
- IDLH: Immediate Dangerous to Life or Health
- NA: Not Applicable
- NE: Not Established
- NIOSH: National Institute of Occupational Safety and Health
- NFPA: National Fire Protection Association
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible Exposure Limit
- REL: Recommended Exposure Limit
- SARA: Superfund amendments and Reauthorization Act
- STEL: Short Term Limit
- TLV: Threshold Limit Value
- TSCA: Toxic Substances Control Act
- TWA: Time Weighted Average
- WHMIS: Workplace Hazardous Material Information System
- WEEL: Workplace Environmental Exposure Levels

**Disclaimer:** Mar-Tek industries provide the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This documentation is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

---------END OF SAFETY DATA SHEET---------