



TECHNICAL ASSISTANCE CORPORATION

SAFETY DATA SHEET
 REVISION DATE: 1/16/2015

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 Details

1.3 of the supplier of the Safety Data Sheet

Manufacturer: Mar-Tek Industries

Address:

301 Industrial Drive, Forney Texas 75126
 (214) 350-9401

Phone:

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.
 - P321 Specific treatment (See on this label)
 - P3003+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

Chemical Name	Common Names	CAS No.	Content By Weight
Magnesium hexafluorosilicate Hexahydrate	Magnesium fluosilicate	18972-56-0	40-50%
Other non hazardous component		50%	

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

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

Partition coefficient
 (n-octanol/water): Not available
 Auto-ignition temperature: Not flammable
 Decomposition temperature: Not available

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

NTP	to 0.1% is identified as carcinogen or potential carcinogen by ACGIH. 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

NFPA Rating:		HMIS III	
Health	3	Health	3
Flammability	0	Flammability	0
Reactivity	0	Physical hazard	0

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.

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