

Mira Hone

To Hone, Remove Light Scratches, Etch Marks in

■ Marble ■ Travertine ■ Terrazzo ■ Limestone

Uses

■ Floors ■ Restrooms ■ Showers
 ■ Kitchens ■ Counters

Special Features

■ Easy-to-Use ■ Non-Acid ■ Effective
 ■ Non-Coating ■ Can Be Used w/Lippage ■ Never Yellows
 ■ No Stripping ■ Cost Effective

PRODUCT DESCRIPTION

KEEP OUT OF REACH OF CHILDREN. **Mira Hone** is a unique, natural, non-wax powder compound for honing and deep cleaning marble, travertine, limestone and terrazzo. **Mira Hone** can effectively be used on floors with "lippage" to remove scratches, etch marks, light weight traffic patterns. **Mira Hone** can be used to prepare the stone surface prior to using one of the **Miracle Sealants** final polishing products. The combination offers an effective way to maintain the natural beauty of the stone, while providing a durable, slip resistant surface.

Sample Testing

Due to the differences of each material, several inconspicuous test patches should be completed to assure maximum performance. **User must determine suitability of the product for their intended use.**

Protect Neighboring Surfaces

Always protect neighboring surfaces including wood, metal, carpet, baseboards, fabric, landscaping, etc.

APPLICATION INSTRUCTIONS

Read the entire label and PDS/MSDS before starting.

- All previous applied coatings and/or waxes must be removed using **Mira Strip** or **Finish Sealer Stripper** as directed.
- Apply a small amount of water to the stone surface. Work in approximately 25 - 35 square feet at a time. Do not work large areas.
- Sprinkle a handful of **Mira Hone** onto the wet surface (approximately 5 ounces per 25 square feet).
- Buff the **Mira Hone** with a **Marble Master** floor machine creating a slurry with a natural hair brush or red nylon pad for approximately 10 minutes per 25-35 square feet.
- Move slurry aside with a squeegee. Check for desired results. Work longer if necessary. Move the slurry to the next section and add **Mira Hone** and water as needed. **DO NOT ALLOW Mira Hone TO DRY ON THE SURFACE.**
- Remove excess slurry with a wet vacuum. Damp mop and let dry.
- For a higher polish, the surface is now prepared for one of the polishing compounds: **Marble Conditioner** or **Mira Dust**.

Heavy Duty Cleaning: Use **Phosphoric Acid Cleaner**, **HDAC** or **Liquid Poulitice** as directed.

Light Cleaning: Use **Tile & Stone Cleaner**, **Limestone/Travertine Soap**, **Grout Cleaner**, or **Counter Kleen** as directed.

Coverage

Coverage will vary depending on density, porosity, texture, surface absorption, weather, time solution left on surface and application methods. Used as directed, **Mira Hone** will cover approximately 80 - 115 square feet per pound (7 - 11 square meters).

Water, Stain & Slip Protection

To protect cleaned area from future soiling and staining and increase static coefficient of friction, we recommend applying the appropriate **Miracle Penetrating Sealer/Impregnator**.

MAINTENANCE

How often **Mira Hone** is used will depend on the surface and the traffic it is exposed to on a day-to-day basis. For ongoing maintenance instructions please refer to **Miracle Sealants Care Guide**. Refer to the **Miracle Sealants Product Recommendation Chart** for specific product recommendations.

Storage

Store **Mira Hone** in the original upright container, properly sealed and unmixed. Stored at 77° F (25° C), **Mira Hone** will have a shelf life of 12 months. Do not allow to freeze.

Technical Support

For additional technical support, contact Miracle Sealants Company at 1-800-350-1901 or 626-443-6433 ext. 3013

Office Hours

Monday - Friday from 8:30 am - 5:00 pm PT.
 1-626-443-6433 or 1-800-350-1901 • Fax: 1-626-443-1435
 website: www.miraclesealants.com

Product Damaged During Transportation

If product is damaged during transportation contact Info Trac @ 1-800-535-5053 for additional information 24 hours a day.

Additional Products

Miracle Sealants Company offers a complete line of water & stain repellents, sealers, cleaner, polishing compounds, diamond abrasives, machinery and accessories for the tile, stone, concrete, metal, fabric and carpet professional or do-it yourself specialist.

Caution

Use in a well ventilated area. This product contains a corrosive and must be used as directed. **KEEP OUT OF REACH OF CHILDREN.** Avoid contact with food or beverages and risk of accidental ingestion. Do not transfer to other bottles or containers. Protect skin and eyes. If exposed flush with water. Chemical resistant gloves should be worn at all times. Keep small children and pets out of the area until product or surface has thoroughly dried. **Refer to MSDS for additional information.**

Warranty

Instructions are a condensed guide and should not be considered complete. In the event of failure, the only obligation of Miracle Sealants Company shall be to replace such products proven to be defective. **Before using, user shall determine the suitability of the product for their intended use. User assumes all risks and liability whatsoever in connection therein.** Neither seller nor manufacturer shall be liable for any injury or inability to use this product.



Safety Data Sheet

Issue Date: 01-Feb-2012

Revision Date: 07-Jan-2014

Version 1

1. IDENTIFICATION

Product Identifier

Product Name MIRA HONE

Other means of identification

SDS # MSC-030

Recommended use of the chemical and restrictions on use

Recommended Use To hone, remove light scratches and etch marks from marble, travertine, terrazzo and limestone surfaces. For professional use only.

Details of the supplier of the safety data sheet

Supplier Address

Miracle Sealants Company
12318 Lower Azusa Road
Arcadia, CA 91006

Emergency Telephone Number

Company Phone Number 1-626-443-6433 (Phone)
1-626-443-1435 (Fax)

24 Hour Emergency Phone Number For technical support call: 1-800-350-1901

Emergency Telephone (24 hr) For product spills, leaks or exposures call:
Infotrac 1-800-535-5053 (North America) or 1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance White powder

Physical State Solid Powder

Odor None

Classification

Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed

GHS Classification

The product is not classified as hazardous according to GHS

2.2. Label Elements

Symbol(s)



Signal Word
Warning

Hazard Statements
None

Precautionary Statements

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P280 - Wear eye protection/ face protection

P285 - In case of inadequate ventilation wear respiratory protection

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

2.3. Other information

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Aluminum Oxide	1344-28-1	Proprietary

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES**First Aid Measures**

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact	Wash with soap and water.
Inhalation	Remove to fresh air.
Ingestion	Do not induce vomiting. Immediately call a poison center or doctor/physician.

Most important symptoms and effects

Symptoms	May cause mild irritation. May include redness, drying and cracking of skin. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.
-----------------	---

Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically. Exposure may aggravate existing burns, lacerations.
---------------------------	--

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Not determined.

Hazardous Combustion Products No information available.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

None in particular.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Use personal protective equipment as required.
Environmental Precautions	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

Methods and material for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Clean-Up	Vacuuming or wet sweeping may be used to avoid dust dispersal. Put collected waste material in plastic containers for disposal. Rinse area thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. For Industrial or professional use only. Please read Mira Hone™ Information Sheet carefully before using. Avoid contact with skin, eyes or clothing. Appropriate exhaust ventilation at places where dust is formed.
--------------------------------	---

Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Keep/store only in original container. Store containers upright. Keep from freezing.
Incompatible Materials	None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aluminum Oxide 1344-28-1	TWA: 1 mg/m ³ respirable fraction	TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 10 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction	-

Derived No Effect Level (DNEL) 3 mg/m³, respirable, 8 hour TWA

Predicted No Effect Concentration (PNEC) No information available

Appropriate engineering controls

Engineering Controls	Apply technical measures to comply with the occupational exposure limits. Use adequate ventilation. Local exhaust preferable. Refer to OSHA Standards 1910.94, 1910.107, 1910.108. Eyewash stations. Showers.
-----------------------------	---

Individual protection measures, such as personal protective equipment

Engineering Controls	Ensure adequate ventilation, especially in confined areas. Avoid dust formation.
Eye/Face Protection	Chemical anti-splash safety goggles.
Skin and Body Protection	Protective gloves: Plastic or rubber, chemical resistant Protective clothing or equipment: Chemical resistant clothing.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas. Dust mask. Use additional appropriate respiratory protection if there is the potential to exceed the exposure limit(s). Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice. Work hygienic practices: Wash hands thoroughly before handling foodstuffs, liquids or tobacco products. Use common sense and care around chemicals. Never mix this product with other chemicals. Consult your supervisor for all other hygienic and safety practices. All practices depend on your specific business. Directions for use normally found on label which will dictate engineering and control measures.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Solid Powder	Odor	None
Appearance	White powder	Odor Threshold	Not determined
Color	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	(wet) 8-10	
Melting Point/Freezing Point	Not available	
Boiling Point/Boiling Range	Not available	
Flash Point	Not available	
Evaporation Rate	Not available	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not available	
Lower Flammability Limit	Not available	
Vapor Pressure	Not available	
Vapor Density	1	(Air=1)
Specific Gravity	Not determined	
Water Solubility	Insoluble in water	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content (%)	0% by weight	
Density	2.7 – 3.94 g/cm3	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information****Eye Contact**

Avoid contact with eyes.

Skin Contact

Avoid contact with skin.

Inhalation

Avoid breathing vapors or mists.

Ingestion

May be harmful if swallowed.

Component Information

Not available

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Aluminum Oxide 1344-28-1	> 5000 mg/kg (Rat)	-	-

Information on physical, chemical and toxicological effects**Symptoms**

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Carcinogenicity**

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not determined

11.1. Information on toxicological effects

Acute Toxicity

Acute oral toxicity - Conclusive but not sufficient for classification
Acute dermal toxicity - Conclusive but not sufficient for classification
Acute inhalation toxicity- Conclusive but not sufficient for classification

Chronic Toxicity

Irritation- Conclusive but not sufficient for classification
Corrosivity- Conclusive but not sufficient for classification
Sensitization- Conclusive but not sufficient for classification
Mutagenic Effects - Conclusive but not sufficient for classification
Carcinogenic effects - Conclusive but not sufficient for classification
Reproductive Effects - Conclusive but not sufficient for classification
Developmental Effects - Conclusive but not sufficient for classification
Aspiration Hazard - Conclusive but not sufficient for classification

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Not available

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. Not classified as dangerous in meaning of transport regulations.
DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Listed - *Complies*

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List Listed on DSL

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances - Complies

ENCS - Japan Existing and New Chemical Substances - Complies

IECSC - China Inventory of Existing Chemical Substances - Complies

KECL - Korean Existing and Evaluated Chemical Substances - Complies

PICCS - Philippines Inventory of Chemicals and Chemical Substances - Complies

US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Aluminum Oxide - 1344-28-1	1344-28-1	Proprietary	1.0

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
---------------	------------	---------------	--------------

Aluminum Oxide 1344-28-1	X	X	X
-----------------------------	---	---	---

16. OTHER INFORMATION**NFPA****Health Hazards**

2

Flammability

0

Instability

0

Special Hazards

None

HMIS**Health Hazards**

Not determined

Flammability

Not determined

Physical Hazards

Not determined

Personal Protection

Not determined

Issue Date: 01-Feb-2012**Revision Date:** 07-Jan-2014**Revision Note:** New format**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

Mira Dust

Polishing Powder For

- Marble ■ Terrazzo ■ Travertine
- Limestone ■ Other Natural Stone ■ Furniture

Special Features

- No Oxalic Acid ■ Easy to Use ■ Interior & Exterior
- Safe to Use ■ Fast Acting ■ Cost Effective

PRODUCT DESCRIPTION

KEEP OUT OF REACH OF CHILDREN. Mira Dust polishing powder is a unique blend designed to enhance the natural shine of natural stone and terrazzo. Mira Dust will remove light scratches, water rings and acid etch marks. Mira Dust is an effective means of maintaining the factory finish of marble, travertine, limestone, terrazzo and other natural stone surfaces. Unlike recrystallization or vitrification, Mira Dust does not change the surface composition of the stone. Mira Dust is an easy to use polishing process that has been used in stone factories and in the field for decades. Mira Dust is great for ongoing maintenance, as well as the final polishing step in any stone restoration procedure. Heavy scratches and etch marks may need to be honed with Mira Hone or with the Pyramid Diamond Abrasive System.

Sample Testing

Due to the differences of each material, several inconspicuous test patches should be completed to assure maximum performance. User must determine suitability of the product for their intended use.

Special Precaution & Protection

Always protect neighboring surfaces including wood, carpet, metal, landscaping and other non masonry surfaces. Mira Dust should not be left on the surface for any length of time without constant buffing action. If buffing is stopped Mira Dust must be immediately picked up to avoid burning. Place the floor or hand machine on a plastic or teflon sheet when not in use. Mira Dust is not recommended for granite or synthetic surfaces. Mira Dust can be run through a sifter for a more consistent powder.

APPLICATION INSTRUCTIONS

Read entire label and PDS/MSDS before using.

All previous applied sealers, coatings and/or waxes must be removed using Mira Strip or H2O Strip as directed.

Using a Marble Master 1000 (175 rpm, 150 lbs.) floor machine equipped with a white polishing pad or a tampico brush will provide optimum results. Wet a small area (2 - 4 sf) with clean water. Sprinkle Mira Dust on the area and buff making slow, even passes side to side. Add water or Mira Dust as needed to maintain a watery/milky slurry. DO NOT ALLOW MIRA DUST SLURRY TO DRY ON THE SURFACE. Buff the stone for 1 - 2 minutes or until desired polish is achieved. Additional Mira Dust may be used to increase polish. A floor squeegee may be used to move the solution to the next small area to be polished. Be careful not to buff too long in any given area as this may create a burn. After polishing, rinse the stone thoroughly with a Mira Clean #1 solution (20 - 1). Agitate with a soft brush and remove using a wet vacuum. This procedure is essential for neutralization of the polished surface.

Counters: Use a hand machine (600 - 800 rpm) equipped with a white pad or tampico brush and use in the same manner as with floors.

Wall: Wet the small area to be worked and sprinkle the Mira Dust directly onto the polishing pad or brush. Buff the walls in small sections. Be careful to protect neighboring areas from dripping of the Mira Dust solution.

Small Areas: Mira Dust can be worked by hand for very small areas or trouble spots. Follow the same procedure as above, buffing with a small white pad and using rubber gloves. This method can effectively remove many light scratches, water rings and etch marks while restoring desired luster to those very small and hard to reach areas.

Heavy Duty Cleaning: Use Phosphoric Acid Cleaner, GCFR or Liquid Poultice as directed.

Light Cleaning: Use Mira Clean #1 or Counter Kleen as directed.

Water, Stain & Slip Protection

Application of Miracle Penetrating Sealer/Impregnator will reduce penetration of all staining materials and make the surface less slippery.

Polish Enhancement

Periodically use Mira Dust, Marble Conditioner, MiraPolish or Granite Brite as directed.

Mold, Mildew and Bacteria Sanitation

For best results in killing mold, mildew, bacteria and other micro organisms, use Miracle Wipes as directed.

Coverage

Coverage will vary depending on density, porosity, texture, surface absorption, weather, time solution left on surface and application methods. Used as directed, Mira Dust will do approximately 150 - 300 square feet (14 - 27 sq. meters) per pound.

MAINTENANCE

For ongoing maintenance instructions please refer to Miracle Sealants Care Guide. Refer to the Miracle Sealants Product Recommendation Chart for specific product recommendations.

Storage

Store Mira Dust in the original upright container properly sealed and unmixed. Stored at 77° F (40° C), Mira Dust will have a shelf life of 12 months. Do not allow to freeze.

Technical Support

For additional technical support, contact Miracle Sealants Company at 1-800-350-1901 or 626-443-6433 ext. 3013

Office Hours

Monday - Friday from 8:30 am - 5:00 pm PT.
1-626-443-6433 or 1-800-350-1901 • Fax: 1-626-443-1435
website: www.miraclesealants.com

Product Damaged During Transportation

If product is damaged during transportation contact Info Trac @ 1-800-535-5053

Additional Products

Miracle Sealants Company offers a complete line of water & stain repellents, sealers, cleaner, polishing compounds, diamond abrasives, machinery and accessories for the tile, stone, concrete, metal, fabric and carpet professional or do-it yourself specialist.

Caution

Use in a well ventilated area. This product contains a mild corrosive and must be used only as directed. **KEEP OUT OF REACH OF CHILDREN.** Avoid contact with food or beverages and risk of accidental ingestion. Do not transfer to other bottles or containers. Protect skin and eyes. If exposed flush with water. Chemical resistant gloves should be worn at all times. Keep small children and pets out of area until product or surface has thoroughly dried. Refer to the MSDS for additional information.

Warranty

Instructions are a condensed guide and should not be considered complete. In the event of failure, the only obligation of Miracle Sealants Company shall be to replace such products proven to be defective. **Before using, user shall determine the suitability of the product for their intended use. User assumes all risks and liability whatsoever in connection therein.** Neither seller nor manufacturer shall be liable for any injury or inability to use this product.

Mira Dust

**Osha's Hazard Communication Standard
 U.S. Department Of Labor**

 29 CFR 1910.1200
 Identity No:

 OMB No. 1218-0072
 Name: Mira Dust
Section 1
 Manufacturers Name: Miracle Sealants Company
 Address: 12318 Lower Azusa Road
 Emergency Phone: 800-350-1901
 City: Arcadia
 State: CA
 Phone: 626-443-6433
 Date Prepared: 10-2008
Section 2 - Hazardous Ingredient/Identity Information

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV
Potassium Oxalate	6487-48-5	Not Available	Not Available
Ammonium Bifluoride	1341-49-7	Not Available	Not Available
Acrylic Acid	79-10-7	10ppm	Not Available

 VOC : 0% by weight (non-regulated)
Section 3 - Physical/Chemical Characteristics

Boiling point: 141° C	Freezing point: Not Available
Melting point: Not Available	Vapor pressure: (3) 4
Vapor density: 2.5	% Volatile: Not Available
Density: Not Available	Odor threshold: Not Available
Evaporation rate: Not Available	Acid/Alkalinity: Not Available
Solubility in organic solvent: Not Available	
pH: 2.3	

 Solubility in water: (1) 25% In weight at 18° C
 (2) 45.3% (3) Complete

 Physical state: (1) Fine, granular, white, odorless crystals.
 (2) White, transparent solid, slight acid odor
 (3) Colorless liquid, sharply acid odor

Specific Gravity: (1) 2.13 (2) 1.5 (3) 1.05

Section 4 - Fire And Explosion Hazard Data
 Flash Point: 50 T.C.C. LEL: 2
 UEL: 8

 Extinguishing media: Water fog, CO₂, alcohol or dry chemical.

NFPA hazard rating (0 = Least, 4 = Extreme)

 Health: 2 Fire: 0
 Reactivity: 0 Other: 0

HMIS Hazard Rating:

Health: Not Available Fire: Not Available

Reactivity: Not Available

Special fire fighting procedures: None Known

Unusual fire & explosion hazard: None Known

Section 5 - Reactivity Data

Stability: Stable

Conditions to avoid: Heat and any open flame

Incompatible materials to avoid: Strong oxidizers, acids and alkalis, aldehydes, ethers and amines.

Hazardous polymerization: May occur.

Conditions to avoid: Excessive heat and freezing

 Hazardous decomposition products: NH₃ and HF, which are corrosive.
Section 6 - Health Hazard Data**Routes of Entry:**

Inhalation - Possible

Skin - Possible

Ingestion - Possible

Health hazards - Same as signs and symptoms of exposure

Carcinogenicity:

OSHA - No

NTP - No

IARC Monographs - No

Signs and Symptoms of Over Exposure:

Eyes: Material is ocular irritant & may cause cornea damage. Healing is usually complete if first aid measures have been promptly initiated.

Skin: May cause irritation to skin.

Ingestion: May cause systemic poisoning and cause severe damage to the esophagus and stomach. May cause hypocalcemia, possibly fatal.

Inhalation: Irritation, may cause coughing & difficult breathing. Excessive inhalation may cause systemic poisoning.

Medical conditions generally aggravated - Hypocalcemia, liver or kidney diseases.

Signs and symptoms of over exposure: Pain in throat, esophagus and stomach.

Emergency and First Aid Procedures
Eyes: Promptly flush with plenty of water, lifting eyelids occasionally to facilitate irrigation. Continue for at least 15 minutes.

Skin: Wash with plenty of soap and water. Then flush with water. Remove clothing upon contamination and wash before reuse.

Ingestion: Do not induce vomiting. Get prompt medical attention.

Inhalation: Remove victim to fresh air. If exposure to dust or mist was severe, get medical attention.
Section 7 - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Promptly sweep or shovel material into an empty container, avoiding dusty conditions. Label container "poison" and close for later use or disposal. Complete clean-up by flushing residue with plenty of water. Skin and eye protection should be used.

Waste disposal method: Dispose of in accordance with federal, state and local regulations.

Precautions to be taken in handling and storing: store in a cool, dry place, away from food or feed product. Wash thoroughly after handling. Do not get in eyes, skin, clothing. Keep container closed. Do not ingest.

Other precautions: KEEP OUT OF REACH OF CHILDREN. Follow directions on the container for proper use of this product.

Section 8 - Control Measures

Respiratory protection: If exposure above the TLV or PEL require a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required.

Protective gloves: Plastic or rubber, chemical resistant.

Eye protection: Tight fitting, splash proof safety glasses.

Other protective clothing or equipment: chemical resistant clothing.

Work hygienic practices: Wash hands thoroughly before handling food stuffs, liquids or tobacco products. Use common sense and care around chemicals. Never mix this product with other chemicals. Consult your supervisor for all other hygienic and safety practices. All practices depend on your specific business. Directions for use normally found on label which will dictate engineering and control measures.

Section 9 - Shipping & Regulatory Classification

DOT Shipping Name: Please refer to the Bill of Lading receiving/documents for up-to-date information.

DOT Hazard Class: Not Available

Toxic Substances Control Act (TSCA): This product and/or all the ingredients contained in this product have been registered under the Toxic Substances Control Act.

SARA: No SARA 313 chemicals identified.

NOTE: Miracle Sealants believes the data set forth are accurate. Miracle Sealants makes no warranty with respects thereto and disclaims all liability or reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.

Mira Dust

Polishing Powder For

- Marble ■ Terrazzo ■ Travertine
- Limestone ■ Other Natural Stone ■ Furniture

Special Features

- No Oxalic Acid ■ Easy to Use ■ Interior & Exterior
- Safe to Use ■ Fast Acting ■ Cost Effective

PRODUCT DESCRIPTION

KEEP OUT OF REACH OF CHILDREN. Mira Dust polishing powder is a unique blend designed to enhance the natural shine of natural stone and terrazzo. Mira Dust will remove light scratches, water rings and acid etch marks. Mira Dust is an effective means of maintaining the factory finish of marble, travertine, limestone, terrazzo and other natural stone surfaces. Unlike recrystallization or vitrification, Mira Dust does not change the surface composition of the stone. Mira Dust is an easy to use polishing process that has been used in stone factories and in the field for decades. Mira Dust is great for ongoing maintenance, as well as the final polishing step in any stone restoration procedure. Heavy scratches and etch marks may need to be honed with Mira Hone or with the Pyramid Diamond Abrasive System.

Sample Testing

Due to the differences of each material, several inconspicuous test patches should be completed to assure maximum performance. User must determine suitability of the product for their intended use.

Special Precaution & Protection

Always protect neighboring surfaces including wood, carpet, metal, landscaping and other non masonry surfaces. Mira Dust should not be left on the surface for any length of time without constant buffing action. If buffing is stopped Mira Dust must be immediately picked up to avoid burning. Place the floor or hand machine on a plastic or teflon sheet when not in use. Mira Dust is not recommended for granite or synthetic surfaces. Mira Dust can be run through a sifter for a more consistent powder.

APPLICATION INSTRUCTIONS

Read entire label and PDS/MSDS before using.

All previous applied sealers, coatings and/or waxes must be removed using Mira Strip or H2O Strip as directed.

Using a **Marble Master 1000** (175 rpm, 150 lbs.) floor machine equipped with a white polishing pad or a tampico brush will provide optimum results. Wet a small area (2 - 4 sq ft) with clean water. Sprinkle Mira Dust on the area and buff making slow, even passes side to side. Add water or Mira Dust as needed to maintain a watery/milky slurry. DO NOT ALLOW MIRA DUST SLURRY TO DRY ON THE SURFACE. Buff the stone for 1 - 2 minutes or until desired polish is achieved. Additional Mira Dust may be used to increase polish. A floor squeegee may be used to move the solution to the next small area to be polished. Be careful not to buff too long in any given area as this may create a burn. After polishing, rinse the stone thoroughly with a Mira Clean #1 solution (20 - 1). Agitate with a soft brush and remove using a wet vacuum. This procedure is essential for neutralization of the polished surface.

Counters: Use a hand machine (600 - 800 rpm) equipped with a white pad or tampico brush and use in the same manner as with floors.

Wall: Wet the small area to be worked and sprinkle the Mira Dust directly onto the polishing pad or brush. Buff the walls in small sections. Be careful to protect neighboring areas from dripping of the Mira Dust solution.

Small Areas: Mira Dust can be worked by hand for very small areas or trouble spots. Follow the same procedure as above, buffing with a small white pad and using rubber gloves. This method can effectively remove many light scratches, water rings and etch marks while restoring desired luster to those very small and hard to reach areas.

Heavy Duty Cleaning: Use Phosphoric Acid Cleaner, GCFR or Liquid Poultice as directed.

Light Cleaning: Use Mira Clean #1 or Counter Kleen as directed.

Water, Stain & Slip Protection

Application of Miracle Penetrating Sealer/Impregnator will reduce penetration of all staining materials and make the surface less slippery.

Polish Enhancement

Periodically use Mira Dust, Marble Conditioner, MiraPolish or Granite Brite as directed.

Mold, Mildew and Bacteria Sanitation

For best results in killing mold, mildew, bacteria and other micro organisms, use Miracle Wipes as directed.

Coverage

Coverage will vary depending on density, porosity, texture, surface absorption, weather, time solution left on surface and application methods. Used as directed, Mira Dust will do approximately 150 - 300 square feet (14 - 27 sq. meters) per pound.

MAINTENANCE

For ongoing maintenance instructions please refer to Miracle Sealants Care Guide. Refer to the Miracle Sealants Product Recommendation Chart for specific product recommendations.

Storage

Store Mira Dust in the original upright container properly sealed and unmixed. Stored at 77° F (40° C), Mira Dust will have a shelf life of 12 months. Do not allow to freeze.

Technical Support

For additional technical support, contact Miracle Sealants Company at 1-800-350-1901 or 626-443-6433 ext. 3013

Office Hours

Monday - Friday from 8:30 am - 5:00 pm PT.
1-626-443-6433 or 1-800-350-1901 • Fax: 1-626-443-1435
website: www.miraclesealants.com

Product Damaged During Transportation

If product is damaged during transportation contact Info Trac @ 1-800-535-5053

Additional Products

Miracle Sealants Company offers a complete line of water & stain repellents, sealers, cleaner, polishing compounds, diamond abrasives, machinery and accessories for the tile, stone, concrete, metal, fabric and carpet professional or do-it yourself specialist.

Caution

Use in a well ventilated area. This product contains a mild corrosive and must be used only as directed. **KEEP OUT OF REACH OF CHILDREN.** Avoid contact with food or beverages and risk of accidental ingestion. Do not transfer to other bottles or containers. Protect skin and eyes. If exposed flush with water. Chemical resistant gloves should be worn at all times. Keep small children and pets out of area until product or surface has thoroughly dried. Refer to the MSDS for additional information.

Warranty

Instructions are a condensed guide and should not be considered complete. In the event of failure, the only obligation of Miracle Sealants Company shall be to replace such products proven to be defective. **Before using, user shall determine the suitability of the product for their intended use. User assumes all risks and liability whatsoever in connection therein.** Neither seller nor manufacturer shall be liable for any injury or inability to use this product.

Mira Dust

**Osha's Hazard Communication Standard
 U.S. Department Of Labor**

 29 CFR 1910.1200
 Identity No:

 OMB No. 1218-0072
 Name: Mira Dust
Section 1

Manufacturers Name: Miracle Sealants Company
 Address: 12318 Lower Azusa Road
 Emergency Phone: 800-350-1901
 City: Arcadia
 State: CA
 Phone: 626-443-6433
 Date Prepared: 10-2008

Section 2 - Hazardous Ingredient/Identity Information

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV
Potassium Oxalate	6487-48-5	Not Available	Not Available
Ammonium Bifluoride	1341-49-7	Not Available	Not Available
Acrylic Acid	79-10-7	10ppm	Not Available
VOC : 0% by weight (non-regulated)			

Section 3 - Physical/Chemical Characteristics

Boiling point: 141° C	Freezing point: Not Available
Melting point: Not Available	Vapor pressure: (3) 4
Vapor density: 2.5	% Volatile: Not Available
Density: Not Available	Odor threshold: Not Available
Evaporation rate: Not Available	Acid/Alkalinity: Not Available
Solubility in organic solvent: Not Available	
pH: 2.3	

Solubility in water: (1) 25% In weight at 18° C
 (2) 45.3% (3) Complete

Physical state: (1) Fine, granular, white, odorless crystals.
 (2) White, transparent solid, slight acid odor
 (3) Colorless liquid, sharply acid odor

Specific Gravity: (1) 2.13 (2) 1.5 (3) 1.05

Section 4 - Fire And Explosion Hazard Data

Flash Point: 50 T.C.C. LEL: 2
 UEL: 8

Extinguishing media: Water fog, CO₂, alcohol or dry chemical.

NFPA hazard rating (0 = Least, 4 = Extreme)

Health: 2 Fire: 0
 Reactivity: 0 Other: 0

HMIS Hazard Rating:

Health: Not Available Fire: Not Available

Reactivity: Not Available

Special fire fighting procedures: None Known

Unusual fire & explosion hazard: None Known

Section 5 - Reactivity Data

Stability: Stable

Conditions to avoid: Heat and any open flame

Incompatible materials to avoid: Strong oxidizers, acids and alkalis, aldehydes, ethers and amines.

Hazardous polymerization: May occur.

Conditions to avoid: Excessive heat and freezing

Hazardous decomposition products: NH₃ and HF, which are corrosive.

Section 6 - Health Hazard Data**Routes of Entry:**

Inhalation - Possible

Skin - Possible

Ingestion - Possible

Health hazards - Same as signs and symptoms of exposure

Carcinogenicity:

OSHA - No

NTP - No

IARC Monographs - No

Signs and Symptoms of Over Exposure:

Eyes: Material is ocular irritant & may cause cornea damage. Healing is usually complete if first aid measures have been promptly initiated.

Skin: May cause irritation to skin.

Ingestion: May cause systemic poisoning and cause severe damage to the esophagus and stomach. May cause hypocalcemia, possibly fatal.

Inhalation: Irritation, may cause coughing & difficult breathing. Excessive inhalation may cause systemic poisoning.

Medical conditions generally aggravated - Hypocalcemia, liver or kidney diseases.

Signs and symptoms of over exposure: Pain in throat, esophagus and stomach.

Emergency and First Aid Procedures

Eyes: Promptly flush with plenty of water, lifting eyelids occasionally to facilitate irrigation. Continue for at least 15 minutes.

Skin: Wash with plenty of soap and water. Then flush with water. Remove clothing upon contamination and wash before reuse.

Ingestion: Do not induce vomiting. Get prompt medical attention.

Inhalation: Remove victim to fresh air. If exposure to dust or mist was severe, get medical attention.

Section 7 - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Promptly sweep or shovel material into an empty container, avoiding dusty conditions. Label container "poison" and close for later use or disposal. Complete clean-up by flushing residue with plenty of water. Skin and eye protection should be used.

Waste disposal method: Dispose of in accordance with federal, state and local regulations.

Precautions to be taken in handling and storing: store in a cool, dry place, away from food or feed product. Wash thoroughly after handling. Do not get in eyes, skin, clothing. Keep container closed. Do not ingest.

Other precautions: KEEP OUT OF REACH OF CHILDREN. Follow directions on the container for proper use of this product.

Section 8 - Control Measures

Respiratory protection: If exposure above the TLV or PEL require a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required.

Protective gloves: Plastic or rubber, chemical resistant.

Eye protection: Tight fitting, splash proof safety glasses.

Other protective clothing or equipment: chemical resistant clothing.

Work hygienic practices: Wash hands thoroughly before handling food stuffs, liquids or tobacco products. Use common sense and care around chemicals. Never mix this product with other chemicals. Consult your supervisor for all other hygienic and safety practices. All practices depend on your specific business. Directions for use normally found on label which will dictate engineering and control measures.

Section 9 - Shipping & Regulatory Classification

DOT Shipping Name: Please refer to the Bill of Lading receiving/documents for up-to-date information.

DOT Hazard Class: Not Available

Toxic Substances Control Act (TSCA): This product and/or all the ingredients contained in this product have been registered under the Toxic Substances Control Act.

SARA: No SARA 313 chemicals identified.

NOTE: Miracle Sealants believes the data set forth are accurate. Miracle Sealants makes no warranty with respects thereto and disclaims all liability or reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.

Mira Dust

Polishing Powder For

- | | | |
|-------------|-----------------------|--------------|
| ■ Marble | ■ Terrazzo | ■ Travertine |
| ■ Limestone | ■ Other Natural Stone | ■ Furniture |

Special Features

- | | | |
|------------------|---------------|-----------------------|
| ■ No Oxalic Acid | ■ Easy to Use | ■ Interior & Exterior |
| ■ Safe to Use | ■ Fast Acting | ■ Cost Effective |

PRODUCT DESCRIPTION

KEEP OUT OF REACH OF CHILDREN. *Mira Dust* polishing powder is a unique blend designed to enhance the natural shine of natural stone and terrazzo. *Mira Dust* will remove light scratches, water rings and acid etch marks. *Mira Dust* is an effective means of maintaining the factory finish of marble, travertine, limestone, terrazzo and other natural stone surfaces. Unlike recrystallization or vitrification, *Mira Dust* does not change the surface composition of the stone. *Mira Dust* is an easy to use polishing process that has been used in stone factories and in the field for decades. *Mira Dust* is great for ongoing maintenance, as well as the final polishing step in any stone restoration procedure. Heavy scratches and etch marks may need to be honed with *Mira Hone* or with the *Pyramid Diamond Abrasive System*.

Sample Testing

Due to the differences of each material, several inconspicuous test patches should be completed to assure maximum performance. **User must determine suitability of the product for their intended use.**

Special Precaution & Protection

Always protect neighboring surfaces including wood, carpet, metal, landscaping and other non masonry surfaces. *Mira Dust* should not be left on the surface for any length of time without constant buffing action. If buffing is stopped *Mira Dust* must be immediately picked up to avoid burning. Place the floor or hand machine on a plastic or teflon sheet when not in use. *Mira Dust* is not recommended for granite or synthetic surfaces. *Mira Dust* can be run through a sifter for a more consistent powder.

APPLICATION INSTRUCTIONS

Read entire label and PDS/MSDS before using.

All previous applied sealers, coatings and/or waxes must be removed using *Mira Strip* or *H2O Strip* as directed.

Using a **Marble Master 1000** (175 rpm, 150 lbs.) floor machine equipped with a white polishing pad or a tampico brush will provide optimum results. Wet a small area (2 - 4 sf) with clean water. Sprinkle *Mira Dust* on the area and buff making slow, even passes side to side. Add water or *Mira Dust* as needed to maintain a watery/milky slurry. **DO NOT ALLOW MIRA DUST SLURRY TO DRY ON THE SURFACE.** Buff the stone for 1 - 2 minutes or until desired polish is achieved. Additional *Mira Dust* may be used to increase polish. A floor squeegee may be used to move the solution to the next small area to be polished. Be careful not to buff too long in any given area as this may create a burn. After polishing, rinse the stone thoroughly with a *Mira Clean #1* solution (20 - 1). Agitate with a soft brush and remove using a wet vacuum. This procedure is essential for neutralization of the polished surface.

Counters: Use a hand machine (600 - 800 rpm) equipped with a white pad or tampico brush and use in the same manner as with floors.

Wall: Wet the small area to be worked and sprinkle the *Mira Dust* directly onto the polishing pad or brush. Buff the walls in small sections. Be careful to protect neighboring areas from dripping of the *Mira Dust* solution.

Small Areas: *Mira Dust* can be worked by hand for very small areas or trouble spots. Follow the same procedure as above, buffing with a small white pad and using rubber gloves. This method can effectively remove many light scratches, water rings and etch marks while restoring desired luster to those very small and hard to reach areas.

Heavy Duty Cleaning: Use *Phosphoric Acid Cleaner*, *GCFR* or *Liquid Poultice* as directed.

Light Cleaning: Use *Mira Clean #1* or *Counter Kleen* as directed.

Water, Stain & Slip Protection

Application of *Miracle Penetrating Sealer/Impregnator* will reduce penetration of all staining materials and make the surface less slippery.

Polish Enhancement

Periodically use *Mira Dust*, *Marble Conditioner*, *Mira Polish* or *Granite Brite* as directed.

Mold, Mildew and Bacteria Sanitation

For best results in killing mold, mildew, bacteria and other micro organisms, use *Miracle Wipes* as directed.

Coverage

Coverage will vary depending on density, porosity, texture, surface absorption, weather, time solution left on surface and application methods. Used as directed, *Mira Dust* will do approximately 150 - 300 square feet (14 - 27 sq. meters) per pound.

MAINTENANCE

For ongoing maintenance instructions please refer to *Miracle Sealants Care Guide*. Refer to the *Miracle Sealants Product Recommendation Chart* for specific product recommendations.

Storage

Store *Mira Dust* in the original upright container properly sealed and unopened. Stored at 77° F (40° C), *Mira Dust* will have a shelf life of 12 months. Do not allow to freeze.

Technical Support

For additional technical support, contact Miracle Sealants Company at 1-800-350-1901 or 626-443-6433 ext. 3013

Office Hours

Monday - Friday from 8:30 am - 5:00 pm PT.
 1-626-443-6433 or 1-800-350-1901 • Fax: 1-626-443-1435
 website: www.miraclesealants.com

Product Damaged During Transportation

If product is damaged during transportation contact Info Trac @ 1-800-535-5053

Additional Products

Miracle Sealants Company offers a complete line of water & stain repellents, sealers, cleaner, polishing compounds, diamond abrasives, machinery and accessories for the tile, stone, concrete, metal, fabric and carpet professional or do-it yourself specialist.

Caution

Use in a well ventilated area. This product contains a mild corrosive and must be used only as directed. **KEEP OUT OF REACH OF CHILDREN.** Avoid contact with food or beverages and risk of accidental ingestion. Do not transfer to other bottles or containers. Protect skin and eyes. If exposed flush with water. Chemical resistant gloves should be worn at all times. Keep small children and pets out of area until product or surface has thoroughly dried. **Refer to the MSDS for additional information.**

Warranty

Instructions are a condensed guide and should not be considered complete. In the event of failure, the only obligation of Miracle Sealants Company shall be to replace such products proven to be defective. **Before using, user shall determine the suitability of the product for their intended use. User assumes all risks and liability whatsoever in connection therein.** Neither seller nor manufacturer shall be liable for any injury or inability to use this product.

Mira Dust

**Osha's Hazard Communication Standard
 U.S. Department Of Labor**

 29 CFR 1910.1200
 Identity No:

 OMB No. 1218-0072
 Name: Mira Dust
Section 1
 Manufacturers Name: Miracle Sealants Company
 Address: 12318 Lower Azusa Road
 Emergency Phone: 800-350-1901
 City: Arcadia
 State: CA
 Phone: 626-443-6433
 Date Prepared: 10-2008
Section 2 - Hazardous Ingredient/Identity Information

Hazardous Components	CAS#	OSHA PEL	ACGIH TLV
Potassium Oxalate	6487-48-5	Not Available	Not Available
Ammonium Bifluoride	1341-49-7	Not Available	Not Available
Acrylic Acid	79-10-7	10ppm	Not Available
VOC : 0% by weight (non-regulated)			

Section 3 - Physical/Chemical Characteristics

Boiling point: 141° C	Freezing point: Not Available
Melting point: Not Available	Vapor pressure: (3) 4
Vapor density: 2.5	% Volatile: Not Available
Density: Not Available	Odor threshold: Not Available
Evaporation rate: Not Available	Acid/Alkalinity: Not Available
Solubility in organic solvent: Not Available	
pH: 2.3	

 Solubility in water: (1) 25% In weight at 18° C
 (2) 45.3% (3) Complete

 Physical state: (1) Fine, granular, white, odorless crystals.
 (2) White, transparent solid, slight acid odor
 (3) Colorless liquid, sharply acid odor

Specific Gravity: (1) 2.13 (2) 1.5 (3) 1.05

Section 4 - Fire And Explosion Hazard Data
 Flash Point: 50 T.C.C. LEL: 2
 UEL: 8

 Extinguishing media: Water fog, CO₂, alcohol or dry chemical.

NFPA hazard rating (0 = Least, 4 = Extreme)

 Health: 2 Fire: 0
 Reactivity: 0 Other: 0

HMIS Hazard Rating:

Health: Not Available Fire: Not Available

Reactivity: Not Available

Special fire fighting procedures: None Known

Unusual fire & explosion hazard: None Known

Section 5 - Reactivity Data

Stability: Stable

Conditions to avoid: Heat and any open flame

Incompatible materials to avoid: Strong oxidizers, acids and alkalis, aldehydes, ethers and amines.

Hazardous polymerization: May occur.

Conditions to avoid: Excessive heat and freezing

 Hazardous decomposition products: NH₃ and HF, which are corrosive.
Section 6 - Health Hazard Data
Routes of Entry:

Inhalation - Possible

Skin - Possible

Ingestion - Possible

Health hazards - Same as signs and symptoms of exposure

Carcinogenicity:

OSHA - No

NTP - No

IARC Monographs - No

Signs and Symptoms of Over Exposure:

Eyes: Material is ocular irritant & may cause cornea damage. Healing is usually complete if first aid measures have been promptly initiated.

Skin: May cause irritation to skin.

Ingestion: May cause systemic poisoning and cause severe damage to the esophagus and stomach. May cause hypocalcemia, possibly fatal.

Inhalation: Irritation, may cause coughing & difficult breathing. Excessive inhalation may cause systemic poisoning.

Medical conditions generally aggravated - Hypocalcemia, liver or kidney diseases.

Signs and symptoms of over exposure: Pain in throat, esophagus and stomach.

Emergency and First Aid Procedures
Eyes: Promptly flush with plenty of water, lifting eyelids occasionally to facilitate irrigation. Continue for at least 15 minutes.

Skin: Wash with plenty of soap and water. Then flush with water. Remove clothing upon contamination and wash before reuse.

Ingestion: Do not induce vomiting. Get prompt medical attention.

Inhalation: Remove victim to fresh air. If exposure to dust or mist was severe, get medical attention.
Section 7 - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Promptly sweep or shovel material into an empty container, avoiding dusty conditions. Label container "poison" and close for later use or disposal. Complete clean-up by flushing residue with plenty of water. Skin and eye protection should be used.

Waste disposal method: Dispose of in accordance with federal, state and local regulations.

Precautions to be taken in handling and storing: store in a cool, dry place, away from food or feed product. Wash thoroughly after handling. Do not get in eyes, skin, clothing. Keep container closed. Do not ingest.

Other precautions: KEEP OUT OF REACH OF CHILDREN. Follow directions on the container for proper use of this product.

Section 8 - Control Measures

Respiratory protection: If exposure above the TLV or PEL require a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134 is required.

Protective gloves: Plastic or rubber, chemical resistant.

Eye protection: Tight fitting, splash proof safety glasses.

Other protective clothing or equipment: chemical resistant clothing.

Work hygienic practices: Wash hands thoroughly before handling food stuffs, liquids or tobacco products. Use common sense and care around chemicals. Never mix this product with other chemicals. Consult your supervisor for all other hygienic and safety practices. All practices depend on your specific business. Directions for use normally found on label which will dictate engineering and control measures.

Section 9 - Shipping & Regulatory Classification

DOT Shipping Name: Please refer to the Bill of Lading receiving/documents for up-to-date information.

DOT Hazard Class: Not Available

Toxic Substances Control Act (TSCA): This product and/or all the ingredients contained in this product have been registered under the Toxic Substances Control Act.

SARA: No SARA 313 chemicals identified.

NOTE: Miracle Sealants believes the data set forth are accurate. Miracle Sealants makes no warranty with respects thereto and disclaims all liability or reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.