

Quartz Renew-Final Polish

Safety Data Sheet

SECTION 1: Identification

1.1. Identification

Product name : Quartz Renew-Final Polish

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

Use of the substance/mixture : Abrasive Polishing Slurry

1.3. Details of the supplier of the safety data sheet

Surface Savers
18700 N 107th Ave, Suite 20
Sun City, AZ 85373

1.4. Emergency telephone number

Emergency number : 623-451-4569

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS-US labeling

No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Zirconium oxide (ZrO ₂)	(CAS No) 1314-23-4	25 - 50	Not classified

Full text of hazard classes and H-statements : see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Supply fresh air: consult doctor in case of complaints.
First-aid measures after skin contact : Immediately rinse with water. If skin irritation occurs, consult a doctor.
First-aid measures after eye contact : Remove contact lenses if worn, if possible. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
First-aid measures after ingestion : Rinse out mouth and then drink plenty of water. Do NOT induce vomiting. Call for medical help immediately.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : Slight irritant effect on mucous membranes.
Symptoms/injuries after skin contact : Slight irritant effect on skin.
Symptoms/injuries after eye contact : Slight irritant effect on eyes.
Symptoms/injuries after ingestion : May be harmful if swallowed.

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

No additional information available

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use suitable extinguishing media for surrounding fire.
Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not flammable.
Explosion hazard : None known.

5.3. Advice for firefighters

Protection during firefighting : Firefighters should wear full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Stop the flow of material, if this is without risk.
Methods for cleaning up : Absorb with liquid binding materials (sand, diatomite, acid binders, universal binders, sawdust).
Place in an approved container and dispose in accordance with local, state and federal regulations.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use only in well ventilated areas. Prevent formation of aerosols. Avoid splashes or spray in enclosed areas.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a cool location and away from food stuffs. Keep container tightly sealed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Zirconium oxide (ZrO₂) (1314-23-4)

Not applicable

8.2. Exposure controls

Appropriate engineering controls : Local exhaust and general ventilation must be adequate to meet exposure standards.
Hand protection : Wear impervious gloves to protect against mechanical hazards.
Eye protection : Use safety glasses.
Skin and body protection : Wear suitable working clothes.
Respiratory protection : If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : White
Odor : Mild
Odor threshold : No data available
pH : 7

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Melting point	: No data available
Freezing point	: 0 °C (32°F)
Boiling point	: 100 °C (212°F)
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Dispersible
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Reacts with strong acids and oxidizing agents.

10.6. Hazardous decomposition products

Trace metal compounds.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified pH: 7
Serious eye damage/irritation	: Not classified pH: 7
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified

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Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Zirconium oxide (ZrO₂) (1314-23-4)

BCF fish 1	(no bioaccumulation)
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming : No known effects from this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Zirconium oxide (ZrO₂) (1314-23-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. US State regulations

Zirconium oxide (ZrO₂) (1314-23-4)

U.S. - Massachusetts - Right To Know List

SECTION 16: Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product