



SAFETY DATA SHEET

Current Revision: 2, 8/5/2015	Prepared By: Ben Ward, Product Engineer
-------------------------------	---

I. IDENTIFICATION

EMERGENCY PHONE: CHEMTREC- (800) 424-9300 CCN 19481	Salem Fabrication Supplies 5901 Gun Club Road Winston-Salem, NC 27103 Information: (800) 234-1982
PRODUCT NAME: Silicic Acid	
SYNONYMS: Precipitated silica, Silica gel.	

Recommended Use:

Industrial chemical for ophthalmic operations.

Restrictions:

N/A

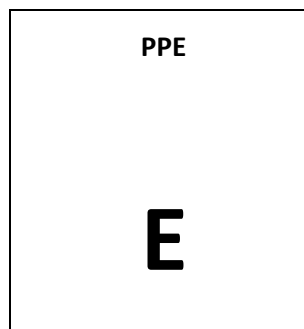
II. HAZARD IDENTIFICATION

Classification (§1910.1200):

Serious Eye Damage/ Eye Irritation – Category 2

Specific organ toxicity single (single exposure) respiratory system - Category 3

Signal Word/Symbols:



GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
Winston-Salem, NC 27103

Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
Santa Fe Springs, CA 90670

Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
New Kensington, PA 15068

Office: 724.212.3749

WASHINGTON

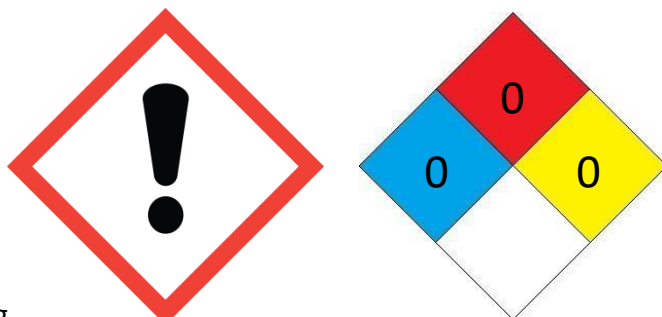
3801 NE 109th Ave. Suite C
Vancouver, WA 98682

Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
Office: 844.858.7444

www.SalemFTG.com



Warning

Hazard Statement:

Causes eye irritation.
May cause respiratory irritation.

Precautionary Statement:

Wear eye/face protection.
Avoid breathing dust/fumes/mist/vapor/spray.
Use only in well ventilated area.
Wash all exposed areas thoroughly after handling.
Keep away from food and children.
Keep container tightly sealed in ventilated area.
Read instructions before use.

Miscellaneous Hazards:

N/A

Unknown Acute Toxicity Statement:

N/A

III.COMPOSITION			
CHEMICAL NAME:	COMMON NAMES:	CAS:	% BY WEIGHT:
Silicic acid	Monosilicic acid, orthosilicic acid	10193-36-9	100

GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
Winston-Salem, NC 27103
Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
Santa Fe Springs, CA 90670
Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
New Kensington, PA 15068
Office: 724.212.3749

WASHINGTON

3801 NE 109th Ave, Suite C
Vancouver, WA 98682
Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
Office: 844.858.7444
www.SalemFTG.com



Classified Impurities and Additives:

N/A

IV. FIRST AID MEASURES

Inhalation:

Move to fresh air. Give oxygen if breathing is difficult. Seek medical attention.

Skin Contact:

Wash off immediately with plenty of water for 15 minutes. Seek medical attention if symptoms occur.

Eye Contact:

Check for and remove contact lenses. Immediately flush eyes with plenty of water for 15 minutes. If irritation persists, seek medical attention.

Ingestion:

Do not induce vomiting. Obtain medical attention.

Symptoms/Effects:

Irritation to eyes and respiratory system.

Level Of Medical Attention Needed:

Treat symptomatically.

V. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Non flammable.

Unsuitable Extinguishing Media: Non flammable.

GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
Winston-Salem, NC 27103

Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
Santa Fe Springs, CA 90670

Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
New Kensington, PA 15068

Office: 724.212.3749

WASHINGTON

3801 NE 109th Ave. Suite C
Vancouver, WA 98682

Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
Office: 844.858.7444

www.SalemFTG.com



Specific Hazards:

Non flammable.

Special Protective Equipment:

Non flammable.

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Use personal protective equipment and minimize contact. Ensure ventilation and avoid dust formation.

Protective Equipment:

Goggles, rubber gloves, use NIOSH/MSHA respirator as necessary and if exposure limits are exceeded.

Emergency Procedures:

N/A

Methods for Cleanup/Removal:

Sweep up or vacuum up spillage and collect in a suitable container for disposal.

VII. HANDLING AND STORAGE

Handling Precautions:

Wear personal protective equipment in a well-ventilated area.

Safe Storage Conditions:

Keep container tightly closed in a cool, dry environment.

Incompatibilities:

Strong oxidizing agents.

GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
Winston-Salem, NC 27103

Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
Santa Fe Springs, CA 90670

Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
New Kensington, PA 15068

Office: 724.212.3749

WASHINGTON

3801 NE 109th Ave. Suite C
Vancouver, WA 98682

Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
Office: 844.858.7444

www.SalemFTG.com



VIII. EXPOSURE CONTROLS AND PROTECTIVE EQUIPMENT

OSHA PEL: N/A	ACGIH TLV: N/A	OTHER EXPOSURE LIMITS: N/A
-------------------------	--------------------------	--------------------------------------

Appropriate Engineering Controls:

Ensure adequate ventilation and keep away from confined spaces. Ensure that eye wash stations and safety showers are nearby.

Personal Protective Measures:

Wear protective goggles or chemical safety goggles. Wear sealed gloves to prevent skin contact, use NIOSH/MSHA approved respirator if exposure levels are exceeded .

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

White powder

Odor: None	Odor Threshold: N/A	Ph: N/A
Melting/Freezing Point: N/A	Boiling Point: N/A	Boiling Range: N/A
Flash Point: N/A	Evaporation Rate: N/A	Flammability (Solid, Gas): Negligible
Upper/Lower Flammability/Explosive Limit: Negligible	Vapor Pressure: N/A	Vapor Density: N/A

GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
Winston-Salem, NC 27103
Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
Santa Fe Springs, CA 90670
Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
New Kensington, PA 15068
Office: 724.212.3749

WASHINGTON

3801 NE 109th Ave, Suite C
Vancouver, WA 98682
Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
Office: 844.858.7444
www.SalemFTG.com



Relative Density (Sg): 2.1	Solubility (ies): Insoluble in water.	Partition Coefficient: NOctanol/Water: N/A
Auto Ignition Temperature: N/A	Decomposition Temperature: N/A	Viscosity: N/A

X.STABILITY AND REACTIVITY

Reactivity:

N/A

Chemical Stability:

Stable under normal conditions.

Possibility of Hazardous Reactions:

None under normal conditions.

Conditions to Avoid: Static Discharge, Shock, Vibrations, Etc.

Incompatible products.

Incompatible Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

None

XI.TOXICOLOGICAL INFORMATION

Possible Exposure Routes (Inhalation Etc.):

Respiratory system and eye.

GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
Winston-Salem, NC 27103

Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
Santa Fe Springs, CA 90670

Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
New Kensington, PA 15068

Office: 724.212.3749

WASHINGTON

3801 NE 109th Ave. Suite C
Vancouver, WA 98682

Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
Office: 844.858.7444

www.SalemFTG.com



Symptoms Related To Toxicological Characteristics:

Irritation

Delayed, Immediate, and Chronic Effects:

Irritation

Numerical Toxicity Measurements:

N/A

NTP/LARC/OSHA Known Carcinogen:

None known.

XII. ECOLOGICAL INFORMATION

Ecotoxicity:

N/A

Persistence and Degradability:

Material not expected to biodegrade in soil or water.

Bioaccumulative Potential:

N/A

Soil Mobility:

N/A

Other Adverse Effects:

N/A

GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
Winston-Salem, NC 27103

Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
Santa Fe Springs, CA 90670

Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
New Kensington, PA 15068

Office: 724.212.3749

WASHINGTON

3801 NE 109th Ave. Suite C
Vancouver, WA 98682

Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
Office: 844.858.7444

www.SalemFTG.com



XIII. DISPOSAL CONSIDERATIONS

Waste Residue and Disposal:

Dispose based on local, regional, and national hazardous waste regulations.

XIV. TRANSPORT INFORMATION

UN Number: None	UN Proper Shipping Name: None	Transport Hazard Class (es): None
Packing Group: None	Environmental Hazards: None known	Transport in Bulk (Annex LI MARPOL 73/78 and IBC Code) N/A

Special Precautions:

N/A

XV. REGULATORY INFORMATION

Environmental/ Health/ Safety:

Listed on TSCA, DSL, EINECS, ENCS, IECSC, KECL, PICCS, and AICS.

XVI. OTHER INFORMATION

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of Salem Fabrication Supplies. It relates only to the specific material designated herein, and does not relate to use in combination with any other material or in any process. Salem Fabrication Supplies assumes no legal responsibility for use of or reliance upon this information.

GO BEYOND THE EDGE

NORTH CAROLINA – HQ

5901 Gun Club Road
Winston-Salem, NC 27103
Office: 800.234.1982 | 336.766.1104

CALIFORNIA

10125 Shoemaker Avenue
Santa Fe Springs, CA 90670
Office: 800.445.6339 | 562.944.6155

PENNSYLVANIA

2330 Greensburg Road
New Kensington, PA 15068
Office: 724.212.3749

WASHINGTON

3801 NE 109th Ave. Suite C
Vancouver, WA 98682
Office: 360.993.5644

ONTARIO – CANADA

Greater Toronto Area
Office: 844.858.7444
www.SalemFTG.com