

MATERIAL SAFETY DATA SHEET

Current Revision: 1	Prepared By: Ben Ward
---------------------	-----------------------

I. IDENTIFICATION

EMERGENCY PHONE: <p style="text-align: center;">CHEMTREC- (800) 424-9300 CCN 19481</p>	Salem Fabrication Supplies 5901 Gun Club Road Winston-Salem, NC 27103 Information: (800) 234-1982
PRODUCT NAME: PWA White Calcined Alumina	
SYNONYMS: Aluminum oxide	

Recommended Use:

Polishing and manufacture of recommended materials **Restrictions:**

N/A

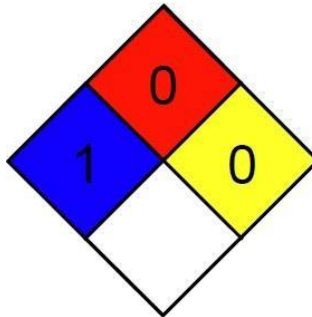
II. HAZARD IDENTIFICATION

Classification (§1910.1200):

Specific target organ systemic toxicity - Single exposure Category 3

Specific target organ systemic toxicity - Repeated exposure Category 1 (Lung) **Signal**

Word/Symbols:



Hazard Statement:

May cause respiratory irritation

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



Causes damage to lungs through prolonged or repeated exposure **Precautionary**

Statement:

- Do not breathe dust/fume/gas/mist/vapours/spray.
- Use only outdoors or in well-ventilated area.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.

Miscellaneous Hazards:

N/A

Unknown Acute Toxicity Statement:

N/A

III. COMPOSITION

CHEMICAL NAME:	COMMON NAMES:	CAS:	% BY WEIGHT:
Al ₂ O ₃	Aluminum oxide	1344-28-1	98% min

*Exact percentage withheld as trade secret **Classified**

Impurities and Additives:

N/A

Information Withheld As Trade Secret?

No

IV. FIRST AID MEASURES

Inhalation:

Remove to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice, if necessary.

Skin Contact:

Rinse skin with water/shower. Wash contaminated clothing before reuse.

Eye Contact:

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



Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice if irritation persists.

Ingestion:

Seek medical advice at once.

Symptoms/Effects:

N/A

Level Of Medical Attention Needed:

N/A

V. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Use extinguishing media most appropriate for the surrounding fire.

Unsuitable Extinguishing Media:

N/A

Specific Hazards:

N/A

Special Protective Equipment:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH, and full protective gear.

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions: N/A

Protective Equipment:

Wear appropriate goggles/glasses, gloves, clothing and a dust mask to reduce exposure

Emergency Procedures:

N/A

Methods for Cleanup/Removal:

Remove with vacuum cleaner or collect in drum

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



VII. HANDLING AND STORAGE

Handling Precautions:

Use only in a well-ventilated area. Minimize dust generation and accumulation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Safe Storage Conditions:

Keep indoor storage to avoid moisture absorption.

Incompatibilities:

N/A

VIII. EXPOSURE CONTROLS AND PROTECTIVE EQUIPMENT

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

Appropriate Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use local exhaust device on polisher.

Personal Protective Measures:

Wear appropriate goggles/glasses, nitrile gloves, clothing and a dust mask to reduce exposure and use in a well ventilated area

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

White Powder

Odor: None	Odor Threshold: N/A	Ph: N/A
Melting/Freezing Point: 2072 °C	Boiling Point: 2980 °C	Boiling Range: 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

Flash Point: Not applicable	Evaporation Rate: N/A	Flammability (Solid, Gas): N/A
Upper/Lower Flammability/Explosive Limit: N/A	Vapor Pressure: 0 hPa @ 20 °C	Vapor Density: N/A
Relative Density: 4000 g/cm ³	Solubility (ies): Insoluble	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 at normal temperatures and pressure.

Possibility of Hazardous Reactions:

N/A

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

generation

Incompatible Materials:

N/A

Hazardous Decomposition Products:

None

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



XI. TOXICOLOGICAL INFORMATION

Possible Exposure Routes (Inhalation Etc.):

Oral/Inhalation/Skin/Eyes

Symptoms Related To Toxicological Characteristics:

Skin- roughness and irritation Eyes-
irritation and inflammation

Delayed, Immediate, and Chronic Effects:

Initial exposure may cause mild irritation and dryness of all body parts.
Repeated exposure will continue these symptoms with lung exposure leading to potential
fibrosis

Numerical Toxicity Measurements:

Oral rat LD50> 5000mg/kg bw

NTP/LARC/OSHA Known Carcinogen:

None known

XII. ECOLOGICAL INFORMATION

Ecotoxicity:

Salmo Trutta	96Hr NOEL> 100mg/L
Dphnia magna	48Hr NOEL> 100mg/L Persistence

and Degradability:

N/A

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:

Comply with all national and local regulations.
 Do not dump this product into sewers, on the ground, or in any body of water.

XIV. TRANSPORT INFORMATION

UN Number: Not assigned	UN Proper Shipping Name: Not dangerous goods	Transport Hazard Class (es): Not assigned
Packing Group: Not assigned	Environmental Hazards: N/A	Transport in Bulk (Annex LI MARPOL 73/78 and IBC Code) N/A

Special Precautions:

N/A

XV. REGULATORY INFORMATION

Environmental/ Health/ Safety:

No known environmental hazards

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