

**MATERIAL SAFETY DATA SHEET**



4011 Hyde Park Blvd.  
P. O. Box 1075  
Niagara Falls, NY 14302-1075

Telephone: (716) 282-6950  
Fax: (716) 282-6971

**January 2025**

**SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION**

PRODUCT NAME  
Alumnia/Zirconia Resin Coated Abrasive  
TRADE NAME

**SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

SUBSTANCE DESCRIPTION	PERCENT	CAS#
Aluminum Oxide, Non-fibrous	30.000- 40.000	1344-28-1
Cloth or Paper Backing	20.000- 30.000	N/A
Cured PhenolFormaldehyde Resin	5.000- 10.000	9003-35-4
Inorganic Fluorides **	1.000- 5.000	NA
Zirconium Oxide	20.000- 30.000	1314-23-4

\*\* SUBSTANCE IS A COMPOUND AND/OR MIXTURE  
OTHER  
Not Applicable

**SECTION 3. HAZARDS IDENTIFICATION**

**INHALATION ACUTE EXPOSURE EFFECTS**  
Dust may be slightly irritating to eyes and respiratory tract at high concentrations.

**INHALATION CHRONIC EXPOSURE EFFECTS**  
Chronic: May affect breathing capacity.  
For products containing phenol/formaldehyde resin, dust generated from intended use may contain trace amounts of phenol and formaldehyde which under excessive exposure may cause skin sensitization and airway obstruction.

For products containing inorganic fluorides, excessive exposure to inorganic fluorides have been shown to increase bone density.

**EYE CONTACT ACUTE EXPOSURE EFFECTS**  
Dust may irritate eyes.

**SKIN CONTACT ACUTE EXPOSURE EFFECTS**  
Some may experience skin irritation from dust.

**INGESTION ACUTE EXPOSURE EFFECTS**  
No known adverse effects, but ingestion not recommended.

**SECTION 4. FIRST AID MEASURES**

**INHALATION**  
Remove to fresh air. If breathing has stopped, give artificial

**MATERIAL SAFETY DATA SHEET**



4011 Hyde Park Blvd.  
P. O. Box 1075  
Niagara Falls, NY 14302-1075

Telephone: (716) 282-6950

Fax: (716) 282-6971

**January 2025**

respiration. Get medical attention immediately.

**SKIN CONTACT**

Wash affected areas with soap and water. Obtain medical assistance.

**EYE CONTACT**

Wash with large amounts of water. Obtain first aid and medical assistance, if needed.

**INGESTION**

Call poison control center, hospital emergency room or physician immediately.

**SECTION 5. FIRE FIGHTING MEASURES**

**FIRE FIGHTING PROCEDURES**

Not Applicable

**HAZARDOUS PRODUCTS/COMBUSTION**

None.

**HAZARD RATING SOURCE**

NFPA

**HEALTH**

1

**FLAMMABILITY**

0

**REACTIVITY**

0

**OTHER**

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**CLEAN-UP**

Follow normal clean up procedures.

**SECTION 7. HANDLING AND STORAGE**

**HANDLING**

Handle with adequate ventilation for nuisance dust.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**VENTILATION PROTECTION**

Recommend using local exhaust ventilation when general ventilation is not keeping the airborne concentration below the TLV.

**RESPIRATORY PROTECTION**

Respirators are required when airborne contaminant levels exceed the TLV(s).

**EYE PROTECTION**

## MATERIAL SAFETY DATA SHEET



4011 Hyde Park Blvd.  
P. O. Box 1075  
Niagara Falls, NY 14302-1075

Telephone: (716) 282-6950

Fax: (716) 282-6971

January 2025

Always WEAR SAFETY GLASSES or some type of eye protection while sanding.

### OTHER PROTECTION

Use of this product may create elevated sound levels. Hearing protection should be worn where required (see OSHA 29 CFR 1910.134 and other applicable regulations).

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE & ODOR

Solid article. Odorless.

## SECTION 10. STABILITY AND REACTIVITY

### INCOMPATIBILITIES

Avoid acids of all types with a pH < 4.0.

### DECOMPOSITION

In use, dust and decomposing odors may be generated. In most cases, the material removed from the workplace will be significantly greater than the sandpaper components.

## SECTION 11. TOXICOLOGICAL INFORMATION

### CARCINOGENICITY

Not Applicable

LD50/LC50

Values are not appropriate or available.

## SECTION 12. ECOLOGICAL INFORMATION

### CHEMICAL FATE

Resin bonded materials demonstrate similar degradation rates as phenolic plastics.

## SECTION 13. DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL

Use standard landfill methods consistent with applicable Federal, State, Provincial and local laws.

## SECTION 14. TRANSPORT INFORMATION

**MATERIAL SAFETY DATA SHEET**



4011 Hyde Park Blvd.  
P. O. Box 1075  
Niagara Falls, NY 14302-1075

Telephone: (716) 282-6950

Fax: (716) 282-6971

**January 2025**

**HAZARD CLASS**

This product is not hazardous as defined by the Department of Transportation. (USA)

This product is "Not Regulated" under the Transportation of Dangerous Goods Act. (CAN)

**SECTION 15. REGULATORY INFORMATION**

-----  
**EXPOSURE LIMITS/REGULATORY INFORMATION**

SUBSTANCE DESCRIPTION	UNITS	OSHA	ACGIH	MOL
Aluminum Oxide, Non-fibrous	MG/M3	15.0000	10.0000	10.0000
Cloth or Paper Backing	PPM	0.0000	0.0000	0.0000
Cured PhenolFormaldehyde Resin	PPM	0.0000	0.0000	0.0000
Inorganic Fluorides	MG/M3	2.5000	2.5000	2.5000
Zirconium Oxide	MG/M3	5.0000	5.0000	5.0000

**LEGEND:**

**EXPOSURE LIMIT DESCRIPTIONS**

CA PROP 65

Not Applicable

TSCA

Section 8(b) - Inventory Status

All components of this product are registered under the regulations of the Toxic Substance Control Act.

**DOMESTIC SUBSTANCE LIST**

All components of this product are found on the Domestic Substance List.

**SECTION 16. OTHER INFORMATION**

**DISCLAIMER**

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, the Company makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.

**MATERIAL SAFETY DATA SHEET**



4011 Hyde Park Blvd.  
P. O. Box 1075  
Niagara Falls, NY 14302-1075

Telephone: (716) 282-6950

Fax: (716) 282-6971

**January 2025**

---

KEY TO ABBREVIATIONS:

EQ=Equal

AP=Approximately

=

LT=Less Than

TR=Trace

GT=Greater Than

ND=No Data available