

## Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 08.07.2019

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### Resin Bonded Abrasives

#### SECTION 1: Identification

##### Product identifier

**Product name:** Resin Bonded Abrasives

##### Recommended use of the product and restriction on use

**Relevant identified uses:** Coated abrasives for sanding of material.

**Uses advised against:** Any use other than described above.

**Reasons why uses advised against:** Not determined or not applicable.

##### Manufacturer or supplier details

**Manufacturer:**  
**United States**  
CGW Abrasives  
7525 N Oak Park Ave  
Niles, IL 60714  
800-447-3731  
sales@cgwcamel.com

##### Emergency telephone number:

**United States**  
Emergency Phone Number  
800-447-3731 (24/7)

#### SECTION 2: Hazard(s) identification

##### GHS classification:

Skin irritation, category 2  
Eye irritation, category 2A  
Reproductive toxicity. Effects on or via lactation  
Specific target organ toxicity - single exposure, category 3, respiratory tract irritation  
Specific target organ toxicity - repeated exposure, category 1  
Acute toxicity (inhalation), category 4

##### Label elements

##### Hazard pictograms:



**Signal word:** Danger

##### Hazard statements:

H315 Causes skin irritation  
H319 Causes serious eye irritation  
H362 May cause harm to breast-fed children  
H335 May cause respiratory irritation

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H372 Causes damage to organs (liver, bones) through prolonged or repeated exposure.

H332 Harmful if inhaled

### Precautionary statements:

P264 Wash hands thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

P201 Obtain special instructions before use

P260 Do not breathe dust/fume/gas/mist/vapors/spray

P263 Avoid contact during pregnancy/while nursing

P270 Do not eat, drink or smoke when using this product

P271 Use only outdoors or in a well-ventilated area

P202 Do not handle until all safety precautions have been read and understood

P302+P352 IF ON SKIN: Wash with plenty of water/soap.

P321 Specific treatment (see supplemental first aid instructions on this label)

P332+P313 If skin irritation occurs: Get medical advice/attention

P362 Take off contaminated clothing and wash it before reuse

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

P337+P313 If eye irritation persists: Get medical advice/attention

P308+P313 IF exposed or concerned: Get medical advice/attention

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P312 Call a POISON CENTER/doctor if you feel unwell

P403+P233 Store in a well-ventilated place. Keep container tightly closed

P405 Store locked up

P501 Dispose of contents/container in accordance with local regulations.

### Hazards not otherwise classified:

Prolonged exposure to metal fume or dust may cause Metal Fume Fever.

Finely dispersed particles may form explosive mixtures in air.

Airborne silica of respirable size can cause Silicosis, an incurable lung disease that can lead to disability and death; Lung cancer; Chronic obstructive pulmonary disease (COPD); and Kidney disease. Although not readily available, crystalline silica has been included in Section 3 (composition) and Section 8 (occupational exposure limits).

## SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 1344-28-1	Aluminum Oxide	40-95
CAS number: 409-21-2	Silicon carbide	40-95
CAS number: 60304-36-1	Aluminum potassium fluoride	5-40
CAS number: 471-34-1	Calcium Carbonate	2-30
CAS number: 15096-52-3	Trisodium hexafluoroaluminate	2-30
CAS number: 13775-52-5	Tripotassium hexafluoroaluminate	<25

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CAS number: 65997-17-3	Glass, oxide, chemicals	<13
CAS number: 1314-23-4	Zirconium dioxide	40-95
CAS number: 14808-60-7	Silica, crystalline quartz	<13

### Additional Information:

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld due to expected variability in product composition and as a trade secret in accordance with paragraph (i) of the OSHA hazard Communication Standard (29 CFR §1910.1200). For more information about the composition for sampling purposes, contact CGW Abrasives.

## SECTION 4: First aid measures

### Description of first aid measures

#### General notes:

Show this Safety Data Sheet to the doctor in attendance.

#### After inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If symptoms develop or persist, seek medical advice/attention.

#### After skin contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

#### After eye contact:

Rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

#### After swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

### Most important symptoms and effects, both acute and delayed

#### Acute symptoms and effects:

The Acute Effects described below are applicable to this product when used for grinding, sanding, mechanical abrasion or any other fabrication process that releases hazardous dust or fume. INHALATION of airborne dusts and fumes may cause respiratory irritation. Symptoms include cough, breathing difficulties, inflammation of the mucous membranes lining the respiratory tract and nose and throat pain. Excessive inhalation of fumes of freshly formed metal oxide particles may cause a flu-like illness called Metal Fume Fever.

SKIN CONTACT may result in skin irritation. Symptoms include redness, inflammation and itching.

EYE CONTACT with airborne dust and fume may cause serious eye irritation. Symptoms include: redness, tearing, burning and inflammation.

#### Delayed symptoms and effects:

The Delayed Effects described below are applicable to this product when used for grinding, sanding,

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mechanical abrasion or any other fabrication process that releases hazardous dust or fume.

Chronic exposure to Aluminum Oxide and Zirconium Oxide may cause lung damage; resulting in chronic bronchitis, COPD and pulmonary fibrosis.

Chronic exposure to fluoride and fluoride compounds may cause damage to teeth, bones (fluorosis) and lungs. Fluorosis is caused by a high fluoride concentration in the body. This causes the bones to harden and become less elastic, resulting in increased fractures, joint pain and immobility.

Chronic exposure to airborne silica of respirable size can cause Silicosis, an incurable lung disease that can lead to disability and death; Lung cancer; Chronic obstructive pulmonary disease (COPD); and Kidney disease.

Maternal exposure may cause harm to breast-fed children.

### Immediate medical attention and special treatment

#### Specific treatment:

If concerned or not feeling well, seek medical attention/advice.

#### Notes for the doctor:

Treat symptomatically.

## SECTION 5: Firefighting measures

### Extinguishing media

#### Suitable extinguishing media:

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

#### Unsuitable extinguishing media:

Do not use water jet as an extinguisher.

### Specific hazards during fire-fighting:

Thermal decomposition may lead to the release of irritating and toxic substances, including: Carbon Oxides, Aluminum Oxides, Zirconium Oxides, Potassium Oxides, Silicon Oxides, Calcium Oxides, Sodium Oxides and Hydrogen Fluoride.

### Special protective equipment for firefighters:

Self-contained MSHA/NIOSH approved respiratory protection and full protective clothing should be worn when fumes and/or smoke from fire are present.

### Special precautions:

This product is not combustible; however, consideration must be given to the potential fire or explosion hazards from the base material being processed. Many materials create flammable or explosive dusts or turnings when machined or ground.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures:

Wear appropriate respirator and protective clothing (see Section 8) as needed to avoid eye contact and inhalation of dust.

### Environmental precautions:

Prevent entry into drains, sewer and waterways.

Do not discharge into the environment.

### Methods and material for containment and cleaning up:

Carefully sweep up or gather dry material, avoiding the creation of airborne dust. Place recovered product in appropriate container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

### Reference to other sections:

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Section 8: Personal Protective equipment

Section 13: Disposal

### SECTION 7: Handling and storage

#### Precautions for safe handling:

The Precautions for Safe Handling described below are applicable to this product when used for grinding, sanding, mechanical abrasion or any other fabrication process that releases hazardous dust or fume. Wear recommended personal protective equipment (see Section 8). Do not contaminate water, food, or feed by storage or disposal. Use only with adequate ventilation. Do not breathe dust or fume. Avoid contact with eyes, skin and clothing. Keep away from hot surfaces, open flame and sources of ignition. Do not eat, drink or smoke while using. Wash thoroughly after handling. Do not allow contaminated clothing outside of the workplace. Launder contaminated clothing before reuse.

#### Conditions for safe storage, including any incompatibilities:

Store in a cool, dry place and out of direct sunlight.

Store at Temperatures, 15°C--27°C and Humidity, 40%- 50%.

Do not place the materials on the ground or concrete floor.

Store away from hot surfaces (e.g. heater, radiator), open flame, ignition sources and incompatible materials. See Section 10 for incompatibles.

### SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

#### Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
OSHA	Aluminum Oxide	1344-28-1	8-Hour TWA-PEL: 15 mg/m <sup>3</sup> ((total dust))
	Aluminum Oxide	1344-28-1	8-Hour TWA-PEL: 5 mg/m <sup>3</sup> ((respirable fraction))
	Silicon carbide	409-21-2	8-Hour TWA: 5 mg/m <sup>3</sup> ((Respirable fraction))
	Silicon carbide	409-21-2	8-Hour TWA: 15 mg/m <sup>3</sup> ((Total dust))
	Aluminum potassium fluoride	60304-36-1	8-Hour TWA: 2.5 mg/m <sup>3</sup>
	Calcium Carbonate	471-34-1	TWA: 5 mg/m <sup>3</sup> (Respirable fraction)
	Calcium Carbonate	471-34-1	TWA: 15 mg/m <sup>3</sup> (Total dust)
	Trisodium hexafluoroaluminate	15096-52-3	8-Hour TWA: 2.5 mg/m <sup>3</sup> (Fluorides, as F)
	Tripotassium hexafluoroaluminate	13775-52-5	8-Hour TWA: 2.5 mg/m <sup>3</sup> (Fluorides, as F)
	Zirconium dioxide	1314-23-4	8-Hour TWA-PEL: 5 mg/m <sup>3</sup> ((As Zr))
	Silica, crystalline quartz	14808-60-7	TWA: 0.1 mg/m <sup>3</sup> (Respirable fraction)
Silica, crystalline quartz	14808-60-7	TWA: 0.3 mg/m <sup>3</sup> (Total dust)	
ACGIH	Aluminum Oxide	1344-28-1	8-Hour TWA: 1 mg/m <sup>3</sup> ((respirable particulate))
	Silicon carbide	409-21-2	8-Hour TWA: 10 mg/m <sup>3</sup> ((Non-fibrous, inhalable fraction))

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Silicon carbide	409-21-2	8-Hour TWA: 3 mg/m <sup>3</sup> ((Non-fibrous, respirable fraction))
	Silicon carbide	409-21-2	8-Hour TWA: 0.1 mg/m <sup>3</sup> ((Fibrous, including whiskers))
	Aluminum potassium fluoride	60304-36-1	8-Hour TWA: 2.5 mg/m <sup>3</sup>
	Trisodium hexafluoroaluminate	15096-52-3	8-Hour TWA: 1 mg/m <sup>3</sup> (Aluminum metal and insoluble compounds; respirable fraction)
	Trisodium hexafluoroaluminate	15096-52-3	8-Hour TWA: 2.5 mg/m <sup>3</sup> (Fluorides, as F)
	Tripotassium hexafluoroaluminate	13775-52-5	8-Hour TWA: 2.5 mg/m <sup>3</sup> (Fluorides, as F)
	Zirconium dioxide	1314-23-4	8-Hour TWA: 5 mg/m <sup>3</sup> ((As Zr))
	Zirconium dioxide	1314-23-4	15-Minute STEL: 10 mg/m <sup>3</sup> ((As Zr))
	Silica, crystalline quartz	14808-60-7	TWA: 0.025 mg/m <sup>3</sup> (Respirable fraction)
NIOSH	Silicon carbide	409-21-2	REL: 10 mg/m <sup>3</sup> ((Total dust))
	Silicon carbide	409-21-2	REL: 5 mg/m <sup>3</sup> ((Respirable fraction))
	Aluminum potassium fluoride	60304-36-1	REL: 2.5 mg/m <sup>3</sup>
	Aluminum potassium fluoride	60304-36-1	IDLH: 250 mg/m <sup>3</sup>
	Calcium Carbonate	471-34-1	REL: 10 mg/m <sup>3</sup> (Total)
	Calcium Carbonate	471-34-1	REL: 5 mg/m <sup>3</sup> (Respirable)
	Trisodium hexafluoroaluminate	15096-52-3	REL: 2.5 mg/m <sup>3</sup> (Sodium aluminum fluoride, as F)
	Trisodium hexafluoroaluminate	15096-52-3	IDLH: 250 mg/m <sup>3</sup> (Fluorides, as F)
	Tripotassium hexafluoroaluminate	13775-52-5	REL: 2 mg/m <sup>3</sup> (Aluminum, as Al)
	Tripotassium hexafluoroaluminate	13775-52-5	REL: 2.5 mg/m <sup>3</sup> (Fluorides, solid, inorganic, as F)
	Tripotassium hexafluoroaluminate	13775-52-5	IDLH: 250 mg/m <sup>3</sup>
	Zirconium dioxide	1314-23-4	TWA: 5 mg/m <sup>3</sup> ((as Zr) - 10 hr.)
	Zirconium dioxide	1314-23-4	15-Minute STEL: 10 mg/m <sup>3</sup> ((As Zr))
	Zirconium dioxide	1314-23-4	IDLH: 50 mg/m <sup>3</sup>
	Silica, crystalline quartz	14808-60-7	TWA: 0.05 mg/m <sup>3</sup>

#### Biological limit values:

No biological exposure limits noted for the ingredient(s).

#### Information on monitoring procedures:

Not determined or not applicable.

#### Appropriate engineering controls:

The Engineering Controls described below are applicable to this product when used for grinding, sanding, mechanical abrasion or any other fabrication process that releases hazardous dust or fume. Use controls as appropriate to minimize exposure to metal fumes and dusts during handling operations. Provide general or local exhaust ventilation systems to minimize airborne concentrations. Local exhaust is necessary for use in

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enclosed or confined spaces. Provide sufficient general/local exhaust ventilation in pattern/volume to control inhalation exposures below current exposure limits

Use controls as appropriate to minimize exposure to metal fumes and dusts during handling operations. Provide general or local exhaust ventilation systems to minimize airborne concentrations. Local exhaust is necessary for use in enclosed or confined spaces. Provide sufficient general/local exhaust ventilation in pattern/volume to control inhalation exposures below current exposure limits

### Personal protection equipment

#### Eye and face protection:

Contact lenses should not be worn where industrial exposure to this material is likely. Wear safety glasses, face shield or goggles as required for welding, burning, sawing, brazing, grinding or machining operations.

#### Skin and body protection:

Contact lenses should not be worn where industrial exposure to this material is likely. Wear safety glasses, face shield or goggles as required for welding, burning, sawing, brazing, grinding or machining operations.

Cut resistant gloves and sleeves should be worn when working with metal parts. Protective gloves should be worn as required for grinding, welding and burning operations. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Personal protective equipment for the body should be selected based on the task being performed and the risks involved. For grinding, welding and burning operations, wear appropriate personal protective clothing to

#### Respiratory protection:

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, use only a NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen.

Concentration in air of the various contaminants determines the extent of respiratory protection needed.

### General hygienic measures:

Handle in accordance with good industrial hygiene and safety measures. Wash hands and face after handling chemical products. Wash hands before eating, drinking and smoking. Wash hands at the end of the workday.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	Black, brown, red wheel
Odor	Slight
Odor threshold	Not determined or not available.
pH	Not determined or not available.
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	Not determined or not available.
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.

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Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	Not determined or not available.
Relative density	Not determined or not available.
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

### Other information

#### SECTION 10: Stability and reactivity

##### Reactivity:

Stable and non-reactive under normal conditions of use, storage and transport.

##### Chemical stability:

Stable under normal storage and handling conditions.

##### Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

##### Conditions to avoid:

Strong acids, Strong bases & Strong oxidizing agents may modify the mechanical characteristics of the products and create safety hazards when used on machines.

##### Incompatible materials:

Strong Acids; Strong Bases; Strong Oxizing Agents

##### Hazardous decomposition products:

Thermal decomposition may lead to the release of irritating and toxic substances, including: Carbon Oxides, Aluminum Oxides, Zirconium Oxides, Potassium Oxides, Silicon Oxides, Calcium Oxides, Sodium Oxides and Hydrogen Fluoride.

#### SECTION 11: Toxicological information

##### Acute toxicity

###### Assessment:

Harmful if inhaled.

**Product data:** No data available.

###### Substance data:

Name	Route	Result
Silicon carbide	oral	LD50 Rat: 2000 mg/kg
	dermal	LD50 Rat: >2000 mg/kg
Aluminum potassium fluoride	dermal	LD50 Rabbit: >2000 mg/kg
	inhalation	LC50 Rat: 3.4 mg/L
	oral	LD50 Rat: >2000 mg/kg



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Name	Route	Result
Trisodium hexafluoroaluminate	oral	LD50 Rat: >5000 mg/kg
	inhalation	LC50 Rat: 4.47 mg/L (4 hours)
	dermal	LD50 Rabbit: >2000 mg/kg

### Skin corrosion/irritation

**Assessment:**

Causes skin irritation.

**Product data:**

No data available.

**Substance data:**

Name	Result
Tripotassium hexafluoroaluminate	Causes skin irritation.

### Serious eye damage/irritation

**Assessment:**

Causes serious eye irritation.

**Product data:**

No data available.

**Substance data:**

Name	Result
Aluminum potassium fluoride	Causes serious eye irritation.
Tripotassium hexafluoroaluminate	Causes serious eye irritation.

### Respiratory or skin sensitization

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Carcinogenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Species	Result
Glass, oxide, chemicals	Not applicable	May cause cancer via inhalation.
Silica, crystalline quartz	Not applicable	Inhalation of respirable silica (quartz) is known to cause cancer in humans.

### International Agency for Research on Cancer (IARC):

Name	Classification
Glass, oxide, chemicals	Group 2B
Silica, crystalline quartz	Group 1

### National Toxicology Program (NTP):

Name	Classification
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Name	Classification
Silica, crystalline quartz	Known to be human carcinogens

### Germ cell mutagenicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

**Substance data:** No data available.

### Reproductive toxicity

**Assessment:**

May cause harm to breast-fed children.

**Product data:**

No data available.

**Substance data:**

Name	Result
Aluminum potassium fluoride	May cause harm to breast-fed children.

### Specific target organ toxicity (single exposure)

**Assessment:**

May cause respiratory irritation.

**Product data:**

No data available.

**Substance data:**

Name	Result
Tripotassium hexafluoroaluminate	May cause respiratory irritation.

### Specific target organ toxicity (repeated exposure)

**Assessment:**

Causes damage to organs through prolonged or repeated exposure.

**Product data:**

No data available.

**Substance data:**

Name	Result
Aluminum Oxide	Chronic exposure to Aluminum Oxide fumes or dust may damage the lungs and peripheral nervous system.
Aluminum potassium fluoride	Causes damage to respiratory tract through prolonged or repeated exposure via inhalation.
Trisodium hexafluoroaluminate	Causes damage to organs (lungs and skeletal fluorosis) through prolonged or repeated exposure (oral & inhalation).
Zirconium dioxide	Chronic exposure to Zirconium Oxide fumes or dust may damage the lungs.
Silica, crystalline quartz	Inhalation of respirable silica causes damage to the lungs including COPD; silicosis and lung cancer

### Aspiration toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:**

No data available.

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**Substance data:** No data available.

**Information on likely routes of exposure:**

Inhalation; Skin contact; Eye Contact

**Symptoms related to the physical, chemical and toxicological characteristics:**

See Section 4: Acute Effects; Delayed Effects

**Other information:**

No data available.

## SECTION 12: Ecological information

**Acute (short-term) toxicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:**

Name	Result
Aluminum potassium fluoride	LC50 Danio rerio: >10 mg/L (96 hours)
	EC50 Daphnia magna: 22.8 mg/L (48 hours)
Trisodium hexafluoroaluminate	LC50 Rainbow trout: 160 mg/L (24 hours)

**Chronic (long-term) toxicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product data:** No data available.

**Substance data:** No data available.

**Persistence and degradability**

**Product data:** No data available.

**Substance data:** No data available.

**Bioaccumulative potential**

**Product data:** No data available.

**Substance data:** No data available.

**Mobility in soil**

**Product data:** No data available.

**Substance data:** No data available.

**Other adverse effects:** No data available.

## SECTION 13: Disposal considerations

**Disposal methods:**

Dispose of in accordance with all applicable local, regional, state and federal regulations.

**Contaminated packages:**

Not determined or not applicable.

## SECTION 14: Transport information

**United States Transportation of dangerous goods (49 CFR DOT)**

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None

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Special precautions for user	None
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### International Maritime Dangerous Goods (IMDG)

UN number	UN 3077
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S Trisodium hexafluoroaluminate
UN transport hazard class(es)	9
Packing group	III
Environmental hazards	Marine Pollutant Trisodium hexafluoroaluminate
Special precautions for user	None
EmS number	F-A, S-F
Stowage category	A
Excepted quantities	E1
Limited quantity	5 Kg

### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

## SECTION 15: Regulatory information

### United States regulations

**Inventory listing (TSCA):** None of the ingredients are listed.

**Significant New Use Rule (TSCA Section 5):** None of the ingredients are listed.

**Export notification under TSCA Section 12(b)** None of the ingredients are listed.

**SARA Section 302 extremely hazardous substances:** None of the ingredients are listed.

**SARA Section 313 toxic chemicals:**

1344-28-1	Aluminum Oxide	Listed
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**CERCLA:** None of the ingredients are listed.

**RCRA:** None of the ingredients are listed.

**Section 112(r) of the Clean Air Act (CAA):** None of the ingredients are listed.

**Massachusetts Right to Know:**

1344-28-1	Aluminum Oxide	Listed
409-21-2	Silicon carbide	Listed
471-34-1	Calcium Carbonate	Listed
65997-17-3	Glass, oxide, chemicals	Listed
1314-23-4	Zirconium dioxide	Listed

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14808-60-7	Silica, crystalline quartz	Listed
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### New Jersey Right to Know:

1344-28-1	Aluminum Oxide	Listed
409-21-2	Silicon carbide	Listed
60304-36-1	Aluminum potassium fluoride	Listed
471-34-1	Calcium Carbonate	Listed
15096-52-3	Trisodium hexafluoroaluminate	Listed
13775-52-5	Tripotassium hexafluoroaluminate	Listed
65997-17-3	Glass, oxide, chemicals	Listed
1314-23-4	Zirconium dioxide	Listed
14808-60-7	Silica, crystalline quartz	Listed

### New York Right to Know:

1344-28-1	Aluminum Oxide	Listed
60304-36-1	Aluminum potassium fluoride	Listed
15096-52-3	Trisodium hexafluoroaluminate	Listed
13775-52-5	Tripotassium hexafluoroaluminate	Listed

### Pennsylvania Right to Know:

1344-28-1	Aluminum Oxide	Listed
409-21-2	Silicon carbide	Listed
60304-36-1	Aluminum potassium fluoride	Listed
471-34-1	Calcium Carbonate	Listed
15096-52-3	Trisodium hexafluoroaluminate	Listed
13775-52-5	Tripotassium hexafluoroaluminate	Listed
65997-17-3	Glass, oxide, chemicals	Listed
1314-23-4	Zirconium dioxide	Listed
14808-60-7	Silica, crystalline quartz	Listed

### California Proposition 65:

**⚠️WARNING:** This product can expose you to Silica, crystalline (airborne particles of respirable size) 14808-60-7; which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## SECTION 16: Other information

**Abbreviations and Acronyms:** None

### Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**NFPA:** 3-0-0

**HMIS:** 3\*-0-0

**Initial preparation date:** 08.07.2019

**Revision Notes:**

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 08.07.2019

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**Resin Bonded Abrasives**

Revision Date

Notes

**End of Safety Data Sheet**