

## Safety Data Sheet

### Section 1: Identification

**Product Identifier:** Epoxy bonded abrasive products

**Manufacturer:** Anchor Abrasives Co.  
7651 W. 185<sup>th</sup> Street  
Tinley Park, IL 60477 USA

**Phone:** (708) 444-4300  
(8:00 am - 4:00 pm CST)

**Recommended Use:** Abrasive Product

### Section 2: Hazard(s) Identification

**Hazard Classification:**

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200

### Section 3: Composition / Information on Ingredients

Component	CAS #	Wt. %
Aluminum Oxide	1344-28-1	50-90
Silicon Carbide	409-21-2	50-90
Cured Epoxy Resin	25068-38-6	10-30
Inert Fillers	n/a	0-40

### Section 4: First Aid Measures

**Description of First Aid Measures:**

**Inhalation:** Remove person to dust free area.

**Skin Contact:** Wash with soap and water.

**Eye Contact:** Flush with large amounts of water. If symptoms persist seek medical attention.

**Ingestion:** No need for first aid is anticipated.

### Section 5: Fire-Fighting Measures

**Extinguishing Media:** Water Foam, Dry Chemical, CO2

**Unusual Hazards:** Organic dust/air mixtures are highly flammable avoid dust accumulations and sources of ignition.

**Special Fire-Fighting Procedures:** No special protective actions are anticipated.

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### Section 6: Accidental Release Measures

**Steps to be taken in case of spill:** Collect in most convenient and safe manner for disposal.

**Waste Disposal Method:**

In accordance with Federal, State, and Local regulations as a dry solid.

### Section 7: Handling and Storage

**Precautions for Safe Handling:**

Organic dust/air mixtures are highly flammable. Avoid dust accumulations and sources of ignition. Dust deposits should not be allowed to accumulate on surfaces. Avoid breathing of dust created when grinding. Damaged product can cause serious injury during use. Handle and store in accordance with ANSI B7.1 "Safety Requirements for the use, care and Protection of Abrasive Wheels". Inspect grinding wheels for damage upon arrival and prior to mounting.

### Section 8: Exposure Controls / Personal Protection

Component	CAS #	OSHA PEL	ACGIH TLV	Wt. %
Aluminum Oxide	1344-28-1	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	50-90
Silicon Carbide	409-21-2	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	50-90
Cured Epoxy Resin	25068-38-6	n/a	n/a	10-30
Inert Fillers	n/a	15 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>	0-40

**Engineering Controls:**

Provide appropriate dust collection and ventilation systems suitable for a grinding operation.

**Respiratory Protection.**

NIOSH approved respiratory protection recommended if TLV is exceeded. Consider material being abraded when determining the appropriate respiratory protection.

**Eye/Face Protection:**

Safety glasses with side shield are highly recommended.

**Skin/Hand Protection:**

Wear gloves suitable for a grinding operation.

### Section 9: Physical and Chemical Properties

**Boiling Point:** n/a

**Specific Gravity:** 1.5-3.0 g/cc

**Vapor Pressure:** n/a

**Melting Point:** n/a

**Solubility in Water:** Negligible

**Appearance and Odor:** Brown to black solid, no odor.

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### Section 10: Stability and Reactivity

**Stability:** Stable

**Conditions to avoid:** None Known

**Incompatibility:** Strong Organic Oxidizers

**Hazardous Decomposition:** n/a

**Hazardous Polymerization:** Will not occur

### Section 11: Toxicological Information

**Routes of entry:**      **Inhalation:** TLV 10 mg/m<sup>3</sup>      **Skin:** n/a      **Ingestion:** n/a  
**Health Hazards:**      **Acute:** Inhalation of dust generated during use may cause coughing or  
Shortness of breath.  
**Chronic:** Prolonged exposure above TLV may cause respiratory  
Problems.

**Carcinogenicity:** n/a

**Signs and Symptoms of Overexposure:** Choking sensation

**Medical conditions aggravated by overexposure:** Pre-existing Pulmonary conditions  
which are aggravated by nuisance dust.

**Emergency and First Aid Procedures:** Remove to dust free area.

### Section 12: Ecological Information

No Eco toxicological studies are available.

### Section 13: Disposal Considerations

**Disposal Methods:**

Dispose in accordance with Federal, State, and Local regulations as a dry solid.

### Section 14: Transport Information

Not regulated per U.S. DOT, IATA or IMO.

### Section 15: Regulatory Information

**SARA Section 311/312 Hazard Categories:** N/A

**SARA Section 313:** This product is not subject to SARA 313 reporting.

### Section 16: Other Information

**HMIS Rating:** Health: 0

Flammability: 0

Reactivity: 0

Personal Protection: 0

**Issue date:** 03/10/2015

*All information and recommendations appearing on this Safety Data sheet are based upon data believed to be reliable. It is the user's responsibility to determine the suitability for their own use and to comply with all applicable regulations. No guarantee, either expressed or implied is made by Anchor Abrasives Co. as to the safety and toxicity of the product, nor does Anchor Abrasives Co. assume any liability arising from the use of this product.*