

Safety Data Sheet

Section 1: Identification

Product Identifier: Magnesite (Magnesium Oxychloride) bonded abrasive products

Manufacturer: Anchor Abrasives Co.
7651 W. 185th 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
Magnesium Oxide	1309-38-4	0-5
Magnesium Oxychloride	n/a	20-30
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 ³	10 mg/m ³	50-90
Silicon Carbide	409-21-2	15 mg/m ³	10 mg/m ³	50-90
Magnesium Oxide	1309-38-4	15 mg/m ³	10 mg/m ³	0-5
Magnesium Oxychloride	n/a	n/a	n/a	20-30
Inert Fillers	n/a	15 mg/m ³	15 mg/m ³	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/m³

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

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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.