



Safety Data Sheet

Section 1 - Chemical Product and Company Information

Product Name: A/O 325 Mesh Aluminum Oxide additive

Product Code: SCS-325AO-016

Trade Name: Smith's A/O 325 Mesh Aluminum Oxide additive

Manufactured by:

Smith Paint Products
2200 Paxton Street
Harrisburg, PA 17111
(800) 466-8781

Chemtrec

2900 Fairview Park Drive
Falls Church, VA 22042-4513
(800) 262-8200

Emergency Hot Line:

(800) 424-9300

Section 2 - Hazards Identification

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label elements

Not classified

Hazards not otherwise classified (HNOC)

Not Applicable

Other hazards

Not available

Section 3 - Composition/Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Aluminum Oxide	1344-28-1	100.00%

Section 4 - First Aid Measures

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First Aid

Eyes: Wash immediately with plenty of water. Do not rub eyes. If irritation persists, seek medical attention.

Skin: First aid is not required.

Ingestion: If large amounts are swallowed, get immediate medical attention.

Inhalation: First aid is not generally required. If irritation develops from breathing dust, move the person from the overexposure and seek medical attention if needed.

See Section 11 for more detailed information on health effects.

Most important symptoms and effects, both acute and delayed: Particulates may cause abrasive eye injury. Inhalation of dust may cause respiratory tract irritation. Symptoms of exposure may include cough, sore throat, nasal congestion, sneezing, wheezing and shortness of breath. Prolonged inhalation of respirable crystalline silica above certain concentrations may cause lung diseases, including silicosis and lung cancer.

Indication of any immediate medical attention and special treatment needed: Immediate medical attention is

Section 5 - Fire Fighting Measures

Flash Point: N/A

LEL:

UEL:

SUITABLE EXTINGUISHING AGENTS - Use fire extinguishing methods suitable to surrounding conditions

FIRE FIGHTING EQUIPMENT - Wear self-contained respiratory protective device. Wear fully protective suit.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures - Use respiratory protective device against the effects of fumes/dust/aerosol. For large spills, wear protective clothing. Avoid formation of dust. Ensure adequate ventilation.

Methods and materials for containment and cleaning up - Pick up mechanically. Send for recovery or disposal in suitable receptacles. Dispose contaminated material as waste according to item 13.

Section 7 - Handling and Storage

Precautions for safe handling - Prevent formation of dust. Any unavoidable deposit of dust must be regularly removed. Use only in well ventilated areas. Avoid breathing dust.

Do not dry clean dust covered objects and floors. Wash thoroughly with plenty of water.

Conditions for safe storage - Store away from oxidizing agents. Store away from foodstuffs.

Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Aluminum Oxide 1344-28-1	Not Established	Not Established	Not Established

Appropriate engineering controls

Engineering measures to reduce exposure:

Ensure adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Individual protection measures, such as personal protective equipment

Personal Protective Equipment

Eye protection:

Goggles or Safety glasses with side-shields.

Skin and body protection:

Long sleeved clothing
apron
Gloves

Respiratory protection:

Effective dust mask. Use a dust respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentration of dust (dust clouds) , inadequate ventilation, development of respiratory tract irritation), and engineering controls are not feasible. Be sure to use an approved/certified respirator or equivalent.

Hygiene measures:

Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product

Section 9 - Physical and Chemical Properties

Appearance: White Powder

Partition coefficient (n-octanol/water): N/A

Solubility: Insoluble in water.

Difficult solubility in mineral acids and strong alkali

Vapor pressure: N/A

Vapor density: N/A

Freezing point: N/A

Boiling range: 2977-2980°C / 5390.6-5396°F

Evaporation rate: N/A

Explosive Limits: N/A

Autoignition temperature: N/A

Odor: N/A

Odor threshold: N/A

pH: N/A

Melting point: 2000-2072°C/ 3632-3761.6°F

Solubility: N/A

Flash point: N/A

Flammability: N/A

Decomposition temperature: N/A Grams

VOC less water: N/A

Viscosity: N/A

Specific gravity: 3.4-4.00

Section 10 - Stability and Reactivity

Reactivity

Reactive with oxidizing agents

Reactive with acids

Chlorine trifluoride reacts violently with Aluminum oxide producing a flame. Ethylene Oxide may polymerize violently when in contact with Aluminum oxide. Reacts with hot chlorinated rubber

Chemical stability

Stability:

Moisture Sensitive. Hygroscopic. Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur

Conditions to avoid:

Avoid dust formation. Incompatible materials.

Incompatible Materials:Oxidizing agents
Acids**Hazardous decomposition products:**

No information available

Other Information Corrosivity:

Non-corrosive in presence of glass.

Special Remarks on Corrosivity: No information available**Section 11 - Toxicological Information**

Component	CAS No	IARC	ACGIH - Carcinogens	NTP	OSHA HCS - Carcinogens	Australia - Notifiable Carcinogenic Substances	Australia - Prohibited Carcinogenic Substances
Aluminum Oxide	1344-28-1	Not listed	A4 - Not Classifiable as a Human Carcinogen (listed as Aluminum insoluble compounds)	Not listed	Not listed	Not listed	Not listed

Section 12 - Ecological Information**Component Ecotoxicity**Persistence and degradability:
Readily degradable in the environment.

Bioaccumulative potential: No additional information.

Mobility in soil: No additional information.

Other adverse effects: No additional information.

Section 13 - Disposal Considerations

Dispose in accordance with all applicable regulations.

Section 14 - Transport Information

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
ADR/RID	Not regulated			
DOT	Not regulated			
IATA	Not regulated			
IMDG	Not regulated			

Section 15 - Regulatory Information**Chemicals Known to the State of California to Cause Reproductive Toxicity:**

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

Component	CAS No	Carcinogen	Developmental Toxicity	Male Reproductive Toxicity	Female Reproductive Toxicity:
Aluminum Oxide	1344-28-1	Not Listed	Not Listed	Not Listed	Not Listed

R2K List

1344-28-1 Aluminum Oxide

Section 16 - Other Information