

SECTION 1: Identification

Product Identifier:

Name: Diamond Dust (White)

Product Number(s): PD1003, PD1029 (plush dash nos. of each)

CAS No: 1344-28-1

Index No: None

EC No: 215-691-6

REACH Registration No: None

Formula: Al₂O₃

Synonyms: C Powder, S Powder, AlOx

Intended use of the product and uses advised against:

Recommended use: Blasting abrasive

Details of the supplier of the safety data sheet: Emergency telephone number:

TileMaster global Ltd

Unit 11

Shepley lane, Marple

Stockport

SK6 7JW

www.tilemaster.co.uk

SECTION 2: Hazard(s) Identification

Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)

Hazard category Hazard statement

Skin Irrit. 3, Eye Irrit. 2B, STOTE SE 3 H316; H320; H335

Directive 67/548/EEC or Directive 1999/45/EC

Hazard characteristics R-Phrases

Xi R36/37/38

For full text of R-phrases, see section 16.

Label elements

Hazard pictograms:



Signal word: WARNING

Hazard statements: H316: Causes mild skin irritation.

H320: Causes eye irritation.

H335: May cause respiratory irritation.

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

P261: Avoid breathing dust.

P264: Wash hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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.

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/regional/national/international regulations.

Other hazards: Not Available

SECTION 3: Composition/Information on Ingredients

Substance/Mixture: Substance

Name: CAS# EC# %W/W REACH # GHS Classification Skin Irrit. 3, H316;

Aluminum Oxide 1344-28-1 215-691-6 > 99 N.A.

Eye Irrit.. 2B, H320;
STOT SE 3, H335

Impurities (Oxides) N.A. N.A. < 1 N.A. None **SECTION 4: First-Aid Measures**

Description of first aid measures

General information: None

After inhalation: Remove to fresh air. If symptoms persist, seek medical attention.

After skin contact: Remove contaminated clothing from area and wash affected skin thoroughly with water. If irritation persists or rash develops, seek medical attention.

After eye contact: Immediately flush eyes with water. Seek medical attention if irritation persists. **After swallowing:** Do not induce vomiting. If large quantities are swallowed, call physician immediately. **Most important symptoms and effects, both acute and delayed**

Acute: Irritation and redness of eyes. Coughing and shortness of breath.

Delayed: Skin, eye, or respiratory tract irritation.

Indication of any immediate medical attention and special treatment:

Treat symptomatically.

SECTION 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media: Extinguisher suitable for ordinary combustible materials. Class A extinguishing agents. **Unsuitable extinguishing media:** None known.

Special hazards arising from the substance or mixture: None known.

Advice for firefighters: A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Extinguish preferably with dry chemical, foam, or water spray.

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear suitable protective clothing. Avoid dust generation.

For emergency responders: Wear suitable protective clothing. Avoid dust generation.

Environmental precautions: Ventilation recommended.

Methods and material for containment and cleaning up

Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal.

Reference to other sections: See also sections 7, 8, and 13.

Additional information: None

SECTION 7: Handling and Storage

Precautions for safe handling

Protective measures: Avoid accumulation of dust. Use only in well-ventilated areas.

Hygiene measures: Do not eat drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and protective gear before entering eating areas.

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well-ventilated area. Keep away from sources of ignition. Keep container tightly closed. Segregate from incompatible materials. **Specific end uses:** Not Available

SECTION 8: Exposure Controls/Personal Protection

Control parameters

Occupational exposure limits

Substance CAS # Exposure Limit Note: Aluminum Oxide 1344-28-1 15 mg/m³ LTEL OSHA, 10 mg/m³ TLV ACGIH

Biological limit values: Not Available

DNEL/PNEC-values: Not Available

Exposure controls

Appropriate engineering controls: Adequate dust ventilation required.

Personal protective equipment



Hand protection: Gloves if desired

Eye protection: Goggles if desired.

Body protection: Clean clothing to cover skin.

Respiratory protection: Approved NIOSH dust mask if recommended exposure levels are exceeded. **Environmental**

exposure controls: None

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance: Granular powder

Color: White

Odor: Odorless

Odor threshold: None

pH: Not Applicable

Melting point/range: 2072 °C
Boiling point/range: 2977 °C
Flash point: Incombustible
Evaporation rate: Not Applicable
Flammability (solid, gas): Not Available
Upper/lower flammability/explosive limits: Not Available
Auto-ignition temperature: Not Available
Decomposition temperature: 2700 °C (4892 °F)
Vapor pressure: Not Applicable
Vapor density: Not Applicable
Relative density: 3.9 g/cm³
Solubility: Insoluble
Viscosity, dynamic (20 °C): Not Available
Viscosity, kinematic: Not Available
Explosive properties: Not Available
Oxidizing properties: Not Available
Partition coefficient: n-Octanol/Water: Not Applicable

Physical hazards: Not Available

Other information: No additional information

SECTION 10: Stability and Reactivity

Reactivity: Slight

Chemical stability: Stable under normal conditions

Possibility of hazardous reactions: None under normal use conditions.

Conditions to avoid: Dust generation without adequate ventilation

Incompatible materials: Strong acids, chlorine trifluoride, and ethylene oxide. **Hazardous decomposition products:** None

SECTION 11: Toxicological Information

Information on toxicological effects

Acute toxicity: None

Skin corrosion/irritation: May cause mechanical skin irritation. Not corrosive. **Serious eye damage/irritation:** May cause mechanical eye irritation.

Respiratory or skin sensitization: No data

Germ cell mutagenicity: No data

Carcinogenicity: Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65. **Reproductive toxicity:** No data

Specific target organ toxicity (single exposure): No data

Specific target organ toxicity (repeated exposure): No data

Aspiration hazard: No data

Other information: None

SECTION 12: Ecological Information

Toxicity

Acute toxicity: None known

Persistence and degradability: No data

Bioaccumulative potential: The product has low potential for bioaccumulation **Mobility in soil:** No data

Results of PBT & PvB assessment: No data

Other adverse effects: No known significant effects or critical hazards **SECTION 13: Disposal Considerations**

Waste treatment methods

Recommendations: If product becomes contaminated, follow disposal instructions for contaminant. Dispose of in accordance to federal, state, and local regulations. Do not allow product to reach sewage system. Recycle packaging if possible.

Additional information: None

SECTION 14: Transport Information

Land transport

Inland waterway

Sea transport

Air transport (ICAO)

(ADR/RID)

transport (ADN)

(IMDG)

TI/IATA-DGR)

UN number Not regulated Not regulated Not regulated Not regulated. **UN proper shipping name** None None None None

Transport hazard class(es) None None None None. **Hazard label(s)** None None None None. **Packing group** None None None

None. Environmental hazards None None None None. **Special precautions for user:** None

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

US Federal regulations

- TSCA Chemical Inventory Status: All components of this product are listed.
- CERCLA Reportable Quantity: None.
- SARA Title III:
 - Section 302 Extremely Hazardous Substances: None.
 - Section 304 Emergency Release Reporting: None.
 - Section 311/312 Hazardous Categories: Immediate (acute).
 - Section 313 Toxic Categories: None.
- Clean Air Act of 1990 – Title VI: This material does not contain, nor was it manufactured using ozone depleting chemicals.

US State regulations

- California Proposition 65: Not listed.
- Cal-OSHA Workplace Airborne Contaminant: Listed.
- Idaho Air Contaminant: Listed.
- Illinois Toxic Substances Disclosure to Employees List: Listed.
- Massachusetts Right to Know List: Listed.
- Massachusetts Hazardous Substance Code: F9
- Minnesota Hazardous Substance List: Listed. Code: A Carcinogen: No
- New Jersey Right to Know List: Listed – substance No. 2891
- Pennsylvania Right to Know List: Listed.
- Pennsylvania Hazardous Substance List (Chapter 323 Appendix A): Listed Code: E
- Rhode Island Hazardous Substance List: Listed.
- Texas Air Contaminant with Health Effects Screening Level: Listed (as a synonym)
- Washington Air Contaminant: Listed – limit TWA 10 mg/m³

Canadian Regulations:

- WHMIS Classification: Not a controlled product.
- DSL (Domestic Substance List): All components of this product are listed on the DSL.
- NPRI (National Pollutant Release Inventory): Not subject to mandatory reporting requirements.
- IDL (Ingredient Disclosure List): All components of this product are listed on the IDL.
- Canadian Hazard Symbol: N/A

EU Regulations (EINECS 215-691-6)

Indication of Danger: Not dangerous.

Risk Phrases: R36/37/38: Irritating to eyes, respiratory system, and skin.

Safety Phrases: S24/25/: Avoid contact with skin and eyes.

S22: Do not breathe dust.

This product is considered non-dangerous in accordance with 1999/45/EC.

Chemical Safety Assessment: No

SECTION 16: Other Information

Date of preparation: 05/28/2015

Revision version: F

Relevant R-phrases (number and full text): R36/37/38: Irritating to eyes, respiratory system, and skin.

NFPA hazard rating:

Health hazard: 1 – Exposure could cause irritation but only minor residual injury

even if no treatment is given.

Fire hazard: 0 – Will not burn under typical fire conditions.

Reactivity: 0 – Normally stable, even under fire conditions, and is not reactive with water.

Disclaimer: To the best of our knowledge, the information contained in this SDS is accurate or believed to be accurate. However, no liability, expressed or implied, is assumed for the accuracy or completeness of the information contained herein.

