

## Material Safety Data Sheet

### Section 1: Identification of the substance/mixture and of the company/undertaking

**Product Identifier:** Pink Fused Alumina

**Recommended Use:** Making Abrasive Tools, Microgrit Powders, Ceramic, Polishing and General Industry.

**Manufacturer/Supplier:**

Henan DOMILL Abrasive Technology Co.,Ltd  
Pingdeng Industrial Zone Yichuan County,Luoyang, 471300 China  
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**Emergency telephone number:** +86 379 69556558

### Section 2: Hazards Identification

**Classification of the Substance or Mixture**

Not classified

**Label Elements**

**GHS-US Labeling**

No labeling applicable according to 29 CFR 1910.1200.

**Other Hazards**

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

**Unknown Acute Toxicity (GHS-US)**

No data available

### Section 3: Composition/Information on Ingredients

**Name:** Pink Fused Alumina

**Formula:** Aluminium Oxide (Al<sub>2</sub>O<sub>3</sub>)

**Weight%:** >98

**CAS Number:** 1344-28-1

**EINECS No.:** 215-691-6

**Synonyms:** Pink Fused Alumina, Pink Fused Aluminum Oxide, Chromium Aluminum Oxide, Ruby Aluminum Oxide

### Section 4: First aid Measures

**After Inhalation:**

If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms or feels unwell, seek immediate medical attention.

**After Skin Contact:**

Brush off loose particles. Wash with soap and water. If skin irritation is experienced, consult a doctor.

**After Eye Contact:**

If worn, remove contacts. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After Swallowing:**

Rinse out mouth and drink plenty of water. Do not induce vomiting; immediately call for medical help.

## **Section 5: Fire Fighting Measures**

**Extinguishing media**

Suitable extinguishing media: All extinguishing agents can be used.

**Special hazards arising from the substance or mixture**

This product is not combustible or explosive: Does not present any particular risk in the event of fire.

**Advice for firefighters**

Specific fire fighting methods: Does not require any particular methods

Protection of fire-fighters: Use appropriate protective equipment.

## **Section 6: Accidental Release Measures**

**Personal Precautions, Protective Equipment & 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

**Environmental Precautions:** No special precautions required.

**Methods and Materials for Containment and Cleaning Up:**

- Dispose contaminated material as waster according to item 13.
- Send for recovery or disposal in suitable receptacles.

**References to Other Sections:**

- See Section 7 for information of safe handling
- See Section 8 for information of personal protection equipment
- See Section 13 for disposal information

## **Section 7: Handling and Storage**

**Precautions for Safe Handling:**

- Prevent formation of dust
- Any deposit of dust which cannot be avoided 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:**

**Information about storage in one common storage facility:**

- Store away from oxidizing agents
- Store away from foodstuffs

**Further information about storage conditions:**

- Store in cool, dry conditions in well sealed receptacles
- Store receptacles in a well ventilated area
- Protect from humidity and water
- This product is hygroscopic

## **Section 8: Exposure Controls/ Personal Protection**

**Exposure Control:**

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposures below PELs or TLVs.

**Additional limit information:** No additional information available at time of document creation.

**Engineering controls:** Ensure good ventilation/exhaustion in the workplace.

**Risk management:** No special measures required.

**PERSONAL PROTECTIVE EQUIPMENT**

**Breathing equipment:** Use suitable respiratory protective devices when airborne dusts present, i.e. N95 dust mask.

**Hand protection:** Wear protective gloves to ensure against mechanical hazards.

**Eye protection:** Wear safety glasses or goggles to protect against eye exposure.

**Body protection:** Wear general protective work clothing.

## **Section 9: Physical and Chemical Properties**

**Appearance:**

**Form:** Granulate or Powder

**Color:** Pink to Ruby

**pH-value:** Slightly alkaline

**Change in Condition:**

**Melting Point:** Approx. 2150°C~2250°C

**Boiling Point/Boiling Range:** Not Determined

**Flashpoint:** Not Applicable

**Flammability:** Not Flammable

**Auto-Ignition Temperature:** Not Determined

**Decomposition Temperature:** Not Determined

**Auto-Igniting:** Not Determined

**Danger of Explosion:** Product does not present an explosion hazard

**Explosion Limits:**

**Lower:** Not Determined



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**Upper:** Not Determined

**Vapor Pressure:** Not Applicable

**Density at 20 °C (68 °F):** (3.7-4.5)g/cm<sup>3</sup>

**Relative Density:** Not Determined

**Vapor Density:** Not Applicable

**Evaporation Rate:** Not Applicable

**Solubility in / Miscibility with:**

**Water:** Insoluble

**Partition Coefficient:** Not Determined

**Other Information:** No further relevant information available.

### **Section 10: Stability and Reactivity**

**Thermal decomposition /conditions to be avoided:** No decomposition anticipated under standard use, transport and storage conditions. May separate into individual components under extreme heat.

**Hazardous reaction potential:** No hazardous reactions anticipated.

**Incompatible materials:** Reacts with strong acids, oxidizing agents, and strong bases.

**Hazardous decomposition products:** May produce metal oxide smoke in the event of fire.

**Other Information:** No additional information available at time of document authoring.

### **Section 11: Toxicological Information**

**Component LC50/LD50 values relevant for classification:** None

**Probable routes of exposure:** Dust inhalation, accidental ingestion, direct skin/eye contact

**Effects on skin:** No relevant effects known

**Effects on eye:** Slight irritation may occur with direct eye contact.

**Inhalation effects:** Repeated or long-term inhalation of dusts may cause pulmonary disease.

**Ingestion effects:** No relevant effects known

**Sensitization effects:** No relevant effects known

**Subacute/chronic toxicity:** No relevant effects known

**Carcinogenicity:**

**NTP Listing Status:** Not listed as a carcinogen

**IARC Listing Status:** Not listed as a carcinogen

**OSHA Listing Status:** Not listed as a carcinogen

**Cell mutagenicity:** No relevant effects known

**Reproductive effects:** No relevant effects known

### **Section 12: Ecological information**

**Aquatic toxicity:** Product not determined to be toxic to the aquatic environment.

**Persistence and degradability:** Inorganic product, not eliminable from water by biological means.

**Results of PBT assessment:** No data available



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**Results of vPvB assessment:** No data available

**LogKow , BCF values:** No data available

**Bioaccumulative potential:** No significant accumulation in organisms.

**Mobility in soil:** No relevant information available at time of document authoring.

**Other adverse effects:** No relevant information available at time of document authoring.

**Additional information:** No relevant information available at time of document authoring.

### **Section 13: Disposal Considerations**

**Waste treatment methods:** Do not dispose of product via sewage system or other liquid waste streams. Contact your local waste disposal authority to determine necessary steps for disposal in your locality.

**Contaminated packaging:** Contact your local waste disposal authority to determine necessary steps for disposal in your locality.

**Additional information:** Refer to Section 8 for exposure controls, personal protective equipment

### **Section 14: Transport Information**

**DOT (US):** Not regulated for transport

**IMDG/IMO:** Not regulated for transport

**IATA:** Not regulated for transport

**General Information:** No additional information.

### **Section 15: Regulatory Information**

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

**United States Federal Regulations**

**SARA**

- Section 355 (extremely hazardous substances): Substance is not listed.
- Section 313 (specific toxic chemical listings): 1344-28-1 Aluminum Oxide
- TSCA (Toxic Substances Control Act): Substance is listed

**Other Regulations, Limitations, and Prohibitive Regulations:**

- This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

**Chemical Safety Assessment:** A Chemical Safety Assessment has not been carried out

### **Section 16: Other Information**

All information provided is based on DOMILL's present knowledge and understanding of this product and any applicable regulations and data. Any information provided does not constitute a guarantee for specific product features nor does it establish a legally valid contractual relationship.

**NOTICE:** This safety data sheet complements technical data sheets but does not replace them. The information contained within is based on our present knowledge of the product on the document



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revision date. All information provided is done so in good faith. Product users should be warned about the risks associated with using the product for a different purpose than that for which it was intended as stated within this safety data sheet and any associated technical data sheets.

DOMILL does not provide advice or indicate qualification for giving advice for uses outside of stated intended use cases. Statements regarding applicable regulations are provided to help users meet their regulatory obligations when using this product. Statements are not exhaustive of all potential regulatory parameters a user may be bound by and does not exempt users from ensuring their own compliance with applicable regulations regarding handling, use, and storage of the product, for which they are solely responsible.

HENAN DOMILL ABRASIVE TECHNOLOGY CO.,LTD.

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