



Zhengzhou Haixu Abrasives Co., LTD

ADD: Gaocun Town,Xingyang Henan China

MATERIAL SAFETY DATA SHEET

Product Name: White Fused Alumina

Compilation Basis: GB/T 16483 GB/T 17519

Issut date:May 18th, 2024

MSDS Number:HX-MSDS0518

Section 1 Chemical Product and Company Identification

1.1 Product Identification:

Product Name:White Fused Alumina

Product Model: /

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses.sandblasting ,polishing,grinding

Use advised against:No data available.

1.3Details of the Manufacture or supplier

Manufacture:Zhengzhou Haixu Abrasives co.,ltd

Address:Gaocun Town,Xingyang Henan China

Telephone:+86—371-60900389

Fax:+86-371-60305637

Email: panchen@hxabrasive.com

1.4 Emergency telephone number

Emergency Telephone:+86-13526538098

Section 2-Composition/Information on ingredient



Zhengzhou Haixu Abrasives Co., LTD

ADD: Gaocun Town, Xingyang Henan China

Substance() Preparation(√) Article ()

Composition:

| Chemical name | CAS No. | Content (%) | Molecular formula |
|-----------------|-----------|-------------|--------------------------------|
| Aluminium oxide | 1344-28-1 | 99% min | Al ₂ O ₃ |
| Disodium oxide | 1313-59-3 | 0.4% max | Na ₂ O |
| Diron trioxide | 1309-37-1 | 0.1% max | Fe ₂ O ₃ |
| Silicon dioxide | 7631-86-9 | 0.1% max | SiO ₂ |

Abbreviation : CAS No. Is chemical Abstract Service Registry Number

Section 3: Hazards Identification

2.1 classification of the substance or mixture

This product is not classified as dangerous according to the GHS (The Globally Harmonized System of classification and Labeling of Chemicals)

2.2 GHS Label elements, including precautionary statements

Pictogram(s): No pictogram is used

Signal Word: No signal word is used.

Hazard Statement: No hazard statement

Precautionary statements : No precautionary statement

2.3 Description of any hazards not otherwise classified

No additional information available

Section 4 - First Aid Measures



Zhengzhou Haixu Abrasives Co., LTD

ADD: Gaocun Town, Xingyang Henan China

4.1 Description of first aid measures:

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.

Skin Contact: Wash off with soap and plenty of water.

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Dust in throat and nasal passages should clear spontaneously. Contact a physician if discomfort.

Ingestion: Immediately rinse mouth and drink plenty of water. Get medical attention if irritation develops and persists or largely ingested.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

Section 5- Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Incombustible. Use extinguishing media suitable for surrounding fire.

5.2 Special hazards arising from the substance or mixture

No special fire and explosion hazard.

5.3 Advice for firefighters

As in any fire, Wear self-contained breathing apparatus and full protective gear for firefighting if



Zhengzhou Haixu Abrasives Co., LTD

ADD: Gaocun Town, Xingyang Henan China

necessary.

5.4 Further information

No data available.

Section 6- Accidental Release Measures

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

6.1 Personal precautions, protective equipment and emergency procedures:

Evacuate area, Ventilate area. Avoid dust generation. Avoid inhaling dust. Use suitable personal protective equipment.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up:

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. For disposal see section 13.

Section 7- Handling and Storage

7.1 Precautions for safe handling:

Provide appropriate exhaust ventilation at places where dust is formed.

Wear suitable personal protective equipment in section 8.

Avoid formation of dust and aerosols. Avoid inhaling dust. Avoid contact with skin and eyes.



Zhengzhou Haixu Abrasives Co., LTD

ADD: Gaocun Town, Xingyang Henan China

Wash thoroughly after handling.

Do not eat, drink or smoke at the workplace.

7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a cool, dry and well-ventilated place.

Section 8 - Exposure Controls, Personal Protection

8.1 Exposure Limits: Aluminium oxide(CAS#1344-28-1);:

OSHA-PEL:

Total dust: 15 mg/m³

Respirable fraction: 5 mg/m³.

8.2 Exposure controls

Engineering Control:

General industrial hygiene practice. Provide appropriate exhaust ventilation at place. whee dust is formed.

Personal protective equipment:

Respiratory protection:Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components

tested and approved under appropriate government standards such as NIOSH (US) or CEN(EU). .

Eyes Protection:

Not required under normal usage. Use face shield and safety glasses if in-eye risk exists. Use



Zhengzhou Haixu Abrasives Co., LTD

ADD: Gaocun Town, Xingyang Henan China

equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)

Body Protection: In production., use normal work suit is enough.

Hands Protection:

Suggest wear suitable protective gloves to avoid skin exposure.

Other Protections:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9 -Physical and Chemical Properties

| Information on basic physical and chemical properties | |
|---|---------------------------------|
| Appearance | Powder or particle |
| Color | White |
| Odor | Odorless |
| pH | Not available |
| Melting point/freezing point | Ca.2250°C |
| Initial boiling point and boiling range | Not available. |
| Flash point | Not applicable as net a liquid. |
| Evaporation rate | Not applicable as not a liquid. |



Zhengzhou Haixu Abrasives Co., LTD

ADD: Gaocun Town, Xingyang Henan China

| | |
|---------------------------------------|--|
| Flammability | Incombustible |
| Upper explosive limit %(V/V) | Not applicable as not a flammable gas. |
| Lower explosive limit %(V/V) | Not applicable as not a flammable gas. |
| Vapor pressure | Not applicable. |
| Vapor density | Not available |
| Relative density | Ca.3.9 g/cm ³ |
| Solubility(ies) | Insoluble in water |
| Partition coefficient:n-octanol/water | Not available |
| Auto-ignition temperature | Not available |
| Decomposition temperature | Not available |
| Viscosity | Not available |

Section 10-Stability and Reactivity

10.1 Stability: Stable under normal storage temperature and pressure.

10.2 Conditions to Avoid: No known.

10.3 Incompatible materials: No known.

10.4 Hazardous Decomposition Products: Other decomposition products- no data available. In the event of fire: see section 5

10.5 Possibility of hazardous reactions: None hazardous reactions known under normal



Zhengzhou Haixu Abrasives Co., LTD

ADD: Gaocun Town, Xingyang Henan China

condition.

Section 11- Toxicological Information

- Acute Toxicity:** No data available.
- Skin Corrosion/irritation:** No known irritating effect.
- Serious Eye Damage/Eye Irritation :** No known irritating effect.
- Respiratory or Skin Sensitization:** No sensitizing effects known.
- Germ Cell Mutagenicity:** Based on available data. the classification criteria are not met.
- Carcinogenicity :** None of the components of this product is listed as a carcinogen by TARC,NTP. US OSHA.
- Reproductive Toxicity :** Based on available data, the classification criteria are not met.
- Specific Target Organ Toxicity- Single:** No known human health effects upon single exposure.
- Exposure (Globally Harmonized System):**
- Specific Target Organ Toxicity- Repeated:** No known human health effects upon repeated exposure.
- Exposure (Globally Harmonized System):**
- Aspiration Hazard:**Based on available data, the classification criteria are not met.
- Potential Health Effects:**
- Inhalation:**Inhaling dust may cause respiratory irritation..
- Skin Contact:**No irritating effect except possible mechanical stimulation.



Zhengzhou Haixu Abrasives Co., LTD

ADD: Gaocun Town, Xingyang Henan China

Eye Contact: No irritating effect except possible mechanical stimulation.

Ingestion: May be harmful if largely ingested.

Section 12-Ecological Information

12.1 Toxicity

No data available

12.2 Persistence and degradability

Not applicable as inorganic matter.

12.3 Bio accumulative potential

No bio accumulative potential

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No known ecological damage or hazard caused by this product.

Section 13-Disposal Considerations

Waste treatment methods

Product



Zhengzhou Haixu Abrasives Co., LTD

ADD: Gaocun Town, Xingyang Henan China

Non-hazardous waste. Recycle if possible. Offer surplus and non-recyclable products to a licensed disposal company. Observe according to (the national and local related regulations).

Contaminated packaging

Dispose of as unused product after empty.

Section 14- Transport Information

14.1 UN Number :

ADR/RID, IMO/IMDG, IATA Not regulated as dangerous goods.

14.2 UN proper shipping name:

ADR/RID, IMO/IMDG, IATA Not dangerous goods

14.3 Transport hazard class(es):

ADR/RID, IMO/IMDG, IATA Not regulated as dangerous goods.

14.4 Packing group:

ADR/RID, IMO/IMDG, IATA Not regulated as dangerous goods.

14.5 Environmental hazards: No.

14.6 Special precautions for user : No information available.

Section 15-Regulatory Information

EU Regulations

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Not classified.

US Regulations



Zhengzhou Haixu Abrasives Co., LTD

ADD: Gaocun Town, Xingyang Henan China

OSHA: OSHA Hazard Communication Standard Status: This product is not considered to be a hazardous substance under OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200.

USA SARA

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components (Specific toxic chemical listings)

SARA 313: This material does not contain any chemical components with know CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

International Chemical Substances list:

| CAS No. | EINEC | TSCA | DSL | IECSC | NZIoC | PICCS | KECI | AICS |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|
| All ingredients | listed | listed | listed | listed | listed | listed | listed | listed |

Note:

EINECS: European Inventory of Existing Commercial Chemical Substances

TSCA: TSCA Chemical Substance Inventory

DSL: Canada Domestic Substance List

IECSC: Inventory of Existing Chemical Substances in China



Zhengzhou Haixu Abrasives Co., LTD

ADD: Gaocun Town, Xingyang Henan China

NZIoC: New Zealand Inventory of Chemicals

PICCS: Philippines Inventory of Chemicals and Chemical Substances

KECT: Korea Existing Chemicals Inventory

AICS: Australian Inventory of Chemical Substances

Section 16-Additional Information

Abbreviations:

pH- Relates to hydrogen ion concentration-this value will relate to a scale of 0-14, where 0 is highly acidic and 14 is highly alkaline

OSHA- Occupational Safety and Health Administration

NTP- National Toxicology Program

LARC- International Agency for Research on Cancer

CAS#- Chemical Abstract Service number - used to uniquely identify chemical compounds

ACGIH- The American Conference of Governmental Industrial Hygienists

ADR- Agreement on Dangerous Goods by Road

IATA- International Air Transport Association

IMDG- International Maritime Dangerous Goods

Further Information:

-This safety data sheet was prepared in accordance with UN GHS Rev.7. The EU CLP REGULATION (EC)No 1272/2008, and US OSHA Hazard Communication Standards (29 CFR 1910.1200).



Zhengzhou Haixu Abrasives Co., LTD

ADD: Gaocun Town, Xingyang Henan China

-The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Department Issuing MSDS: Zhengzhou Haixu Abrasives