

Material Safety Data Sheet

Version 3.8.61

Revision Date 7/11/2024

1. PRODUCT AND COMPANY IDENTIFICATION

- a. **Product type** : 137 Blue ALO Abrasive Products
- b. **Manufacturer** : SANDWOX (CHANGZHOU) NEW MATERIALS TECHNOLOGY CO.,LTD
- c. **The department of writer** : R&D (Research and Development) Center
- d. **Written by** : Toh Tong(Mr.)
- e. **The department of charge** : General Affairs Dept.
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- h. **Fax number** : 86-519-83686907

2. HAZARDS IDENTIFICATION

Classification : Not applicable .

Abrasives are articles and not dangerous substances or mixtures according to Regulation (EC) N° 1272/2008.

Label elements : Abrasives are articles and not dangerous substances or mixtures and therefore no labelling is required according to Regulation (EC) N° 1272/2008.

Other hazards : Not known.

3.COMPOSITION/INFORMATION ON INGREDIENTS

The product contains the following ingredients which are classified according to Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

Hazardous Ingredients	EC-N°	CAS-N°	REACH Registration N°	Conc. (%)	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)	
					Hazard classes/hazard categories	Hazard statements
Aluminum Oxide	215-691-6	1344-28-1	01-2119529248-35	25-30	N/A	N/A
Epoxy Resin	920-018-0	38891-59-7	01-2119456619-26-0001	5-10	N/A	N/A
Phenol Resin	500-005-2	9003-35-4	01-2119471329-32	15-30	N/A	N/A
Paper	— —	Mixture	— —	20-25	N/A	N/A
Calcium Stearate	216-472-8	1592-23-0	01-2119471329-32	3-5	N/A	N/A
Others	202-830-0	100-21-0	01-2119485970-27	2	N/A	N/A

4.FIRST AID MEASURES

a. Description of first aid measures

Inhalation: Not possible, due to the form of the product

Eye contact: Not possible, due to the form of the product

Skin contact: No harmful effects known

Ingestion: Not likely, due to the form of the product; if necessary contact physician

Note to physician: Not available.

b. Most important symptoms/effects, acute and delayed

Not known.

c. Immediate medical attention and special treatment

Not relevant. Treat symptomatically.

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5. FIRE FIGHTING MEASURES

a. Extinguishing media

Suitable extinguishing media: water, foam, sand, powder or CO₂ as appropriate for surrounding materials

Unsuitable extinguishing media: No information available.

b. Special hazards arising from the chemical

Toxic fumes may occur. Use respiratory protective equipment.

c. Special protective equipment and precautions for fire-fighters

Extinguishing materials should be selected according to the surrounding area.

6. ACCIDENTAL RELEASE MEASURES

Not applicable.

7. HANDLING AND STORAGE

- a. Keep temperature at 0°C - 40°C
- b. Keep humidity at 30-60%
- c. In use, do not smoke or eat
- d. Avoid rough handling or dropping
- e. Protect against physical damage

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters :

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

Occupational exposure limit values and/or biological limit values

Keep exposure to the following components under surveillance. (Observe also the regional official regulations)

Limit value type (country of origin)	substance	Occupational limit value				Peak limit	source, remark
		Long term		Short term			
		mg/m³	ml/m³ (ppm)	mg/m³	ml/m³ (ppm)		
	Aluminum Oxide	N/A	N/A	N/A	N/A	N/A	N/A
	Epoxy Resin	N/A	N/A	N/A	N/A	N/A	N/A
	Phenol Resin	N/A	N/A	N/A	N/A	N/A	N/A
	Paper	N/A	N/A	N/A	N/A	N/A	N/A
	Calcium Stearate	N/A	N/A	N/A	N/A	N/A	N/A
	Others	N/A	N/A	N/A	N/A	N/A	N/A

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Respiratory protection: Use respiratory protective equipment (type depends on specific application and material being ground)

Hand protection: Wear protective gloves (type depends on specific application and material being ground)

Eye protection: Wear protective goggles or face shield (type depends on specific application and material being ground)

Hearing protection: Use hearing protection (type depends on specific application and material being ground)

Body protection: Use protective clothing (type depends on specific application and material being ground)

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Solid

Colour: Blue

Solubility in water: Not defined.

Odor threshold : Not available.

pH : Not applicable.

Melting point/freezing point : Not available.

Initial boiling point and boiling range : Not available.

Flash point : Not applicable.

Evaporation rate : Not applicable.

Flammability : Not available.

Upper/lower flammability or explosive limits : Not available.

Vapor pressure : Not applicable.

Vapor density : Not applicable.

Density : Not available.

Solubility(ies) : Insoluble in water.

Partition coefficient: n-octanol/water : Not available.

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Viscosity : Not applicable.

10. STABILITY AND REACTIVITY

Reactivity : Coated Abrasives are stable when handled or stored correctly.

Chemical stability : No decomposition in normal use.

Possibility of hazardous reactions : No dangerous reactions known.

Conditions to avoid : Coated Abrasives are stable when handled or stored correctly.

Incompatible materials : No dangerous reactions known.

Hazardous decomposition products : At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.

11. TOXICOLOGICAL INFORMATION

a. Information on the likely routes of exposure

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.
See also section 8.

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12. ECOLOGICAL EFFECTS

Toxicity : No effects known.

Persistence and Degradability : No biodegradable potentials known.

Bioaccumulative potential : No potentials known.

Mobility in soil : No potentials known.

Results of PBT and vPvB assessment : Not relevant.

Other adverse effects : No effects known.

13. DISPOSAL CONSIDERATION**a.Waste treatment methods**

Follow national and regional regulations.

X Due to the ingredients and properties disposal as non hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives. (EWC – Nr. 120121),

O Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120)

b.Packing

Follow national and regional regulations.

14. TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods.

15. REGULATORY INFORMATION

a. Safety, health and environmental regulations/legislation specific for the product : Regulation (EU) 2023/988

b. Chemical safety assessment : Not relevant.

16. OTHER INFORMATION

Literature and data sources : REACH Regulation (EC) Nr. 1907/2006
Regulation (EC) N° 1272/2008
Regulation (EU) 2023/988
Directive 98/24/EC
Directive 2000/39/EC
Directive 75/324/EEC
Decision 2000/532/EC
Transport regulations according to ADR, RID und IATA.

Hazard statements referred to in section 2 and 3

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement.

It remains the user's responsibility to adhere existing laws and regulations.