

Product Title and Summary

Product identifier	Ceramic cut-off wheel TU Type30 (ISO type 41) TU CERAMIC Cut-Off Wheel All size
Product descriptions	compatible premium ceramic resinoid cut-off wheels of general metal cutting and machining tools

1. Company identification

Manufacture	TU GLOBAL Co.,Ltd.
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Notices

Cut-off wheel is a safe product that does not cause any danger during transport or storage. When using the tool, install the proper protection devices to protect the worker, wear protective gear means to protect against dust generated while also cutting jobs, especially for workers.
It may have to appropriate action to prevent physical damage during transportation or storage of the product, if necessary.

2. Harzad·Risk

The cut-off wheel contain a fully cured phenol / formaldehyde resin.
If so, the dust produced when cutting trace of phenol and formaldehyde can be exposed over a long period of time remaining in the dust skin irritation and breathing difficulties can come.

Pictograms



Hazardous / phrases

H315 It causes skin irritation.
H319 It causes serious eye irritation.
H335 May cause respiratory irritation.
H373 It may cause damage to the body through prolonged or repeated exposure.

Prevention

Precautionary statements

- P260 Do not breathe (dust, fumes, gas, vapor, mist, spray).
- P261 (Dust, fumes, gas, vapor, mist, spray) Avoid inhalation of.
- P264 Wash after handling the treated area thoroughly
- P270 When using this product, Do not eat, drink or smoke.
- P271 Use only outdoors or in a well-ventilated area.

Correspondence

- P302+P352 skin contact : Wash with plenty of soap and water.
- P304+P340 Inhalation : keep at rest in a position comfortable for breathing fresh air.
- P305+P351+P338 Eye contact : Rinse cautiously with water for several minutes. Remove contact lenses if possible. Continue rinsing.
- P312 If you feel uncomfortable, call a poison center or physician.
- P314 If you feel uncomfortable Get medical attention.
- P332+P313 If skin irritation occurs: Get medical attention.
- P337+P313 If irritation persists in the snow Get medical attention.

Urgent risk and hazard information

No known data

3. Composition / Information on Ingredients

Material	CAS NO.	Percent (%)
Aluminum Oxide(Premium Ceramics)	1344-28-1	30 - 50
Zirconium Oxide	53801-45-9	20 - 30
Cured phenolic resin	9003-35-4	15 - 25
calcium carbonate	471-34-1	1 - 20
Fiberglass	(N/A)	1 - 15

4. First Aid Measures

- Eye contact**
 1. Flush with large amounts of water.
 2. Remove contact lenses if easy to do.
 3. Continue rinsing
 4. If signs/symptoms persist, get medical
- Skin contact**
 1. Wash with soap and water.
 2. If signs/symptoms develop, get medical attention.

Inhalation	<ol style="list-style-type: none"> 1. Remove person to fresh air 2. If you feel unwell, get medical attention
If Swallowed	<ol style="list-style-type: none"> 1. Rinse mouth. 2. If you feel unwell, get medical attention
Note to physician	<ol style="list-style-type: none"> 1. Not available

5. Fire Fighting Measures

Flash point	N / A
Extinguishing media	Water, foam, sand, powder or CO ₂
Special hazards	N / A
Special protective action	N / A

6. Accidental release measures

Not applicable

7. Handling and Storage

1. Keep the materials out of direct sunlight
2. Do not place the materials on ground and concrete floor
3. A buffer storage area is used to maintain a flat, level surface and rough handling or dropping, if necessary
4. Avoid humid place and heating element such as heater and radiator
5. Keep it in condition of low temperature and humidity

8. Personal Protection

dust mask	To minimize the risk of inhalation , wear dust mask
Head protection	Wear protective helmet
Hand protection	Wear protective gloves
Face protection	Wear proective mask
Eye protection	Wear protective goggles or face shield

Hearing protection

Use hearing protection

9. Physical and Chemical Properties

Boiling Point (°C)	N / A	Specific Gravity (H ₂ O=1)	N / A
Vapor Pressure (mm Hg.)	N / A	Percent, Volatile by Volume (%)	N / A
Vapor Density (AIR=1)	N / A	Evaporation rate (Butyl Acetate =1)	N / A
Solubility in Water	N / A	Flash point	N / A
autoignition temperature	N / A	Appearance and odor	N / A

10. Stability and Reactivity

chemical Stability	Stable
Condition to Avoid	None.
Incompatibility (materials to avoid)	Strong acids, Strong bases & Strong oxidizing agents may modify the mechanical characteristics of the products and create safety hazards when used on machines.
Hazardous Decomposition Product	None.
Hazardous Polymerization	Will nor occur

11. Toxicological Information

No toxicological effects if inhaled or with eye or skin contact are known

12. Ecological Information

Ecotoxicity	No effects known
Mobility	No potentials kown
Persistence and degradability	No biodegradable potentials known
Bioaccumulative potential	No potential known
Other hazardous effects	No effects known

13. Disposal Considerations

Follow national and regional and regulation.

14. Transport Information

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

15. Regulatory information

No specific issues

16. Other Information

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