

Date: 2004/12/13

Material Safety Data Sheet

1. Product and Company

Product

Product code: DR-A

Product name: CUT-OFF WHEEL

Company

Company name: Disco Abrasive Systems K.K.

Address:

Address: 2-15, Minami Shinagawa 2-Chome, Shinagawa-ku, Tokyo **Zip code:**
140-0004

Inquiries: Corporate Quality Assurance Group

Telephone: 0823-72-2211

Fax: 0823-72-2230

Office hours: Monday to Friday, 8:00-16:30 (JST)

2. Composition

Substance or mixture: mixture

Chemical characteristics: none in particular

Composition and content:

Hazardous components:	Content (%):	CAS #:
Nothing		

Non-hazardous components:	Content (%):	CAS #:
Aluminum oxide		
Rubber		
Others		

3. Hazardous Identification

Most important hazards and effects: none in particular

Specific hazards and effects: none in particular

4. First-aid Measures

Refer to " 7. Handling and Storage Precautions "

5. Fire-fighting Measures

Suitable fire extinguishing substances: no specifications in particular

6. Accidental Release Measures

Personal precautions: none

Environmental precautions: none

Methods for clean up: not applicable (solid state precludes leakage)

7. Handling and Storage

Handling

Technical measures: none in particular

Remarks: This product is solidified during the forming process, so there are no hazards in particular during normal use. Dust or particles generated during cutting and grinding may include a small portion of the product, but it is not harmful. However, such dust or particles may include the material being processed, in which case the MSDS of the material should be consulted. Consult a doctor in the following cases, if necessary:
* inhalation
* skin contact
* eye contact
* ingestion

Local ventilation: If necessary due to the above cases, a ventilation system should be used.

Dust Prevention measures: If necessary due to the above cases, a dust collection system should be used.

Special safety handling: none

Storage

Storage Conditions: In order to prevent oxidation and deterioration, avoid high temperature and humidity by storing in a cool, dark space.

Technical measures: none in particular

Incompatible products: oxidized materials

Recommended packaging materials: attached package

Unsuitable packaging materials: none

8. Exposure Control / Personal Protection

Protective wear: In order to prevent exposure to a large amount of dust particles during cutting, protective equipment should be worn.

Respiratory system: protective mask (for fine dust particles)

Hands: Protective gloves

Eyes: protective glasses

Skin and body: work clothes

Ears: protective wear (such as ear-plugs), if necessary

9. Physical and Chemical Properties

Physical state: solid, without volatility or sublimation

Form: round and thin

Color: Representatively black

Odor: none

pH level and concentration: not applicable (due to solid state)

Decomposition temperature: not applicable

Density: no data

Solubility: insoluble with water and oil

10. Stability and Reactivity

Stability: stable under normal temperatures

Conditions to avoid: none

Hazardous decomposition products: none

11. Toxicological information

Toxicological (health) effects

Acute toxicity: none

Local effects: none

Exposure: refer to " 7. Handling and Storage Precautions "

12. Ecological information

Mobility: refer to " 7. Handling and Storage Precautions "

Persistence / degradability: no data

Bioaccumulation: no data

Expected chemical behavior: no data

Possible environmental impact: a small quantity of residue waste (dust particles) is generated during cutting.

Ecotoxicity: none

13. Disposal considerations

Recommended disposal methods: Commission an industrial disposal business trader which holds a license of Collection and transportation, and landfilling for glass and ceramics waste.

Residue waste: none

Contaminated packaging: none

14. Transport Considerations

Information on codes and classifications according to international regulations for transport: not applicable

15. Regulatory Information

Applied regulations:

16. Other information
