

# FORNEY INDUSTRIES

## 1. IDENTIFICATION OF PRODUCT AND COMPANY:

Razor-Edge Flap Discs

### 1.1 Forney SKUs:

71923, 71924, 71925, 71940, 71941, 71942

### 1.2 Application

Flap Disc products for different kinds of materials (Steel, Stainless, Aluminum)

### 1.3 Company identification:

Company: Forney Industries, Inc.

Address : 2057 Vermont Drive  
Fort Collins, CO 80525

Phone: 800-521-6038

Emergency Response Phone: 800-535-5053

E-mail: customerservice@forneyind.com

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Abrasive : Aluminium Oxide (Al2O3) - Zirconium Alumina (ZrO2-Al2O3)

Backing : Cotton cloth - Polyester cloth - Fibreglass backing

	Material Name	CAS Nr.	EG Nr. (ELINCS/ EINECS)	Concentration Area	Classification	R-Phrases
	Aluminium Oxide	1344-28-1	215-691-6	% 0-30	N/A	N/A
	Zirconium Oxide	1314-23-4	215-227-2	% 0-30	N/A	N/A
	Epoxy Resin (cured)	N/A	N/A	% 2,5-12,5	N/A	N/A

## 3. HAZARDS IDENTIFICATION

Not applicable

Abrasives are not dangerous substances or preparations as defined in EC directive N° 99/45.

See also section 8 and 16.

## 4. FIRST AID MEASURES

See also section 8 and 16.

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.

## 5. FIRE FIGHTING MEASURES

When exposed to extremely high temperatures fumes may occur. Firemen must use respiratory protective equipment.

Extinguishing Media: water, foam, sand, powder or CO<sub>2</sub> as appropriate for surrounding materials.

## 6. ACCIDENTAL RELEASE MEASURES

Not applicable.

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## 7. HANDLING AND STORAGE

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Follow instructions and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Before grinding risk assessment should be performed and individual personal protection measures adopted accordingly.

- 8.1. Exposure Limits  
Keep limits of the following components under surveillance.  
(Observe the regional official regulations for dust.)

	Material Name	CAS Nr.	EG Nr. (ELINCS/EINECS)	Concentration Limits (Daily Average Value)
	Aluminium Oxide	1344-28-1	215-691-6	TLV(ACGIH-USA); TGG (8 hrs.) = 15 mg/m <sup>3</sup>
	Zirconium Oxide	1314-23-4	215-227-2	TLV(ACGIH-USA); TGG (8 hrs.) = 5 mg/m <sup>3</sup>
	Epoxy Resin (cured)	N/A	N/A	None Established

Note: Hazardous dust of workpiece material may be generated during grinding and/or sanding operations.

- 8.2. Exposure control and limitations
- 8.2.1. Exposure control and limitations of the work environment  
Observe the regional official regulations for dust.
- 8.2.1.1. Respiratory protection: Use respiratory equipment.  
(Type depends on specific application and material being ground.)
- 8.2.1.2. Hand protection: Wear protective gloves.  
(Type depends on specific application and material being ground.)
- 8.2.1.3. Eye protection: Wear protective goggles or face shield.  
(Type depends on specific application and material being ground.)
- 8.2.1.4. Hearing protection: Use ear protection.  
(Type depends on specific application and material being ground.)
- 8.2.1.5. Body protection: Use protective clothing.  
(Type depends on specific application and material being ground.)

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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- 9.1 Physical state: Solid
- 9.2 Color: Variable
- 9.3 Solubility in water: Not applicable

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## **10. STABILITY AND REACTIVITY**

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### Stability

Flap Discs are stable when handled or stored.

### Reactivity

- 10.1 Conditions to avoid:  
No decomposition in normal use.
- 10.2 Materials to avoid:  
No dangerous reactions known.
- 10.3 Hazardous decomposition products:  
When used in accordance with instructions no hazardous decomposition products are created.  
Thermal decomposition may produce trace amount of phenol and formaldehyde.

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## **11. TOXICOLOGICAL INFORMATION**

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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 INFORMATION**

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|-------------------------------------|-----------------------------------|
| 12.1 Ecotoxicity:                   | no effects known                  |
| 12.2 Mobility:                      | no potentials known               |
| 12.3 Persistence and degradability: | no biodegradable potentials known |
| 12.4 Bioaccumulative potential:     | no potentials known               |
| 12.5 Other hazardous effects:       | no effects known                  |

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## **13. DISPOSAL CONSIDERATIONS**

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13.1. Product  
Disposal according to local authority regulations.  
For more information please see European Waste Catalogue (EWC).

13.2. Packing  
Follow national and regional regulations!

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## **14. TRANSPORT INFORMATION**

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

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## **15. REGULATORY INFORMATION**

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No specific marking requirements under respective EC directives.

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## **16. OTHER INFORMATION**

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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.