

1. IDENTIFICATION OF PRODUCT AND COMPANY:**1.1 Product Name:**

Platinum Twin-Flap Zirconia Discs

1.2 Application

For grinding work on steel, stainless and aluminum.

1.3 Company:

Company: Platinum North America

Address : 3922 - 51 Avenue NW

Edmonton, AB

T6B 3T5 CANADA

Phone: 780-461-6293

Fax: 780-468-1946

E-mail: info@platinumna.com

2. COMPOSITION / INFORMATION ON INGREDIENTSAbrasive: Aluminum Oxide (Al₂O₃) - Zirconium Alumina (ZrO₂-Al₂O₃)

Backing: Cotton cloth - Polyester cloth - Fiberglass backing

Material Name	CAS#	EG# (ELINCS/EINECS)	Concentration Area %	Classification	R-Phrases
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
Backing "PE"					

3. HAZARDS IDENTIFICATION

Not applicable

Abrasives are not dangerous substances or preparations as defined in EC directive No 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 CO₂ as appropriate for surrounding materials.**6. ACCIDENTAL RELEASE MEASURES**

Not applicable.

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Exposure Limits: keep limits of the following components under surveillance. (Observe the regional official regulations for dust.)

Material Name	CAS#	EG# (ELINCS/EINECS)	Concentration Limits Daily Average Value)
Zirconium Oxide	1314-23-4	215-227-2	TLV(ACGIH-USA); TGG (8 hrs.) = 5 mg/m ³
Epoxy Resin (cured)	N/A	N/A	None Established
Backing "PE"	N/A	N/A	N/A

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

Exposure control and limitations:

Exposure control and limitations of the work environment: observe the regional official regulations for dust.

Respiratory protection: Use respiratory 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 ear 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

Physical state: solid.

Color: variable.

Solubility in water: not applicable.

10. STABILITY AND REACTIVITY**Stability:**

Flap Discs are stable when handled or stored.

Reactivity:

Conditions to avoid: no decomposition in normal use.

Materials to avoid: no dangerous reactions known.

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.

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

Ecotoxicity: no effects known.

Mobility: no potentials known.

Persistence and degradability: no biodegradable potentials known.

Bioaccumulative potential: no potentials known.

Other hazardous effects: no effects known.

13. DISPOSAL CONSIDERATIONS

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

No specific marking requirements under respective EC directives.

16. OTHER INFORMATION

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.