1. IDENTIFICATION OF PRODUCT AND COMPANY:

1.1 Product Identity / Trade Name:

Platinum Original Aluminum Grinding Discs

1.2 Product Use:

Organic bonded abrasives for grinding or cutting of different materials.

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. HAZARDS IDENTIFICATION

2.1. Classification:

Not applicable
Abrasives are articles and not dangerous substances or mixtures according to Regulation (EC) N° 1272/2008.
See also section 8 and 16.

2.2. Label elements:

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

2.3. 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:

Substance	EC#	CAS#	REACH Registration #	Conc. %	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)	
					Hazard Classes / Hazard Categories	Hazard Statements
CRYOLITE (Sodium hexafluoroaluminate)	237-410-6	1 3775-53-6	01-2119511565-43	0- 20	Acute Tox. 4 STOT RE 1 Acute Tox. 4 Aqu. chron. 2	H332 H372 H302 H411
CRYOLITE (Potassium hexafluoroaluminate)	237-409-0	13775-52-5		0- 20	Acute Tox. 4 STOT RE 1 Acute Tox. 4 Aqu. chron. 2	H332 H372 H302 H411
PAF (Potassium aluminium fluoride)	262-153-1	60304-36-1	01-2119513404-51	0- 20	Acute Tox. 4 STOT RE 1 Acute Tox. 4 Aqu. chron. 2	H332 H372 H302 H411

(For full text of H-phrases see section 16)

4. FIRST-AID MEASURES

See also section 8 and 16.

4.1. 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.

Most important symptoms and effects, both acute and delayed: see Section 11.1. Information on toxicological effects.

Indication of any immediate medical attention and special treatment needed: not applicable.

4.2. Most important symptoms and effects, both acute and delayed:

Not known.

4.3. Indication of any immediate medical attention and special treatment needed:

Not relevant. Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media:

Water, foam, sand, powder or CO2 as appropriate for surrounding materials.

5.2 Special hazards arising from the product:

Toxic fumes may occur. Use respiratory protective equipment.

5.3. Advice for fire fighters:

Extinguishing materials should be selected according to the surrounding area.

6. ACCIDENTAL RELEASE MEASURES

Not applicable.

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. 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	EC#	CAS#	Occupational Limit Value				Peak Limit	Source, remark
				Long Term		Short Term			
				mg/m³	ml/m³ (ppm)	mg/m³	ml/m³ (ppm)		
(D)	CRYOLITE (Sodium hexafluoroaluminate)	237-410-6	1 3775-53-6	1.00				4.00	TRGS900
(D)	CRYOLITE (Potassium hexafluoroaluminate)	237-409-0	13775-52-5	1.00				4.00	TRGS900
(D)	PAF (Potassium aluminium fluoride)	262-153-1	60304-36-1	1.00				4.00	TRGS900

Note: Hazardous dust of the workpiece material may be generated during grinding and/or sanding operations.
National regulations for dust exposure limit values have to be taken into consideration.

8.2. Individual protection measures:

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

9.1. Information on basic physical and chemical properties:

a) Physical state: solid

b) Color: depending of product type

c) Solubility in water: non indicated

9.2. Other information:

None.

10. STABILITY AND REACTIVITY

10.1. Reactivity:

Coated Abrasives are stable when handled or stored correctly.

10.2. Chemical stability:

No decomposition in normal use.

10.3. Possibility of hazardous reactions:

No dangerous reactions known.

10.4. Conditions to avoid:

Coated Abrasives are stable when handled or stored correctly.

10.5. Incompatible materials:

No dangerous reactions known.

10.6. Hazardous decomposition products:

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

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

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

12. ECOLOGICAL INFORMATION

12.1. Toxicity:

No effects known.

12.2. Persistence and degradability:

No biodegradable potentials known.

12.3. Bioaccumulative potential:

No potentials known.

12.4. Mobility in soil:

No potentials known.

12.5. Results of PBT and vPvB assessment:

Not relevant.

12.6. Other adverse effects:

No effects known.

13. DISPOSAL CONSIDERATION

13.1. Waste treatment methods:

13.1.1. Product

Follow national and regional regulations.

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

13.1.2. 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

15.1. Safety, health and environmental regulations/legislation specific for the product:

No specific labelling requirements under respective EC directives.

15.2. Chemical safety assessment:

Not relevant.

16. OTHER INFORMATION

Changes to the previous versions:

See sections 1 to 16.

Literature and data sources:

REACH Regulation (EC) Nr. 1907/2006

Regulation (EC) N° 1272/2008

Directive 98/24/EC

Directive 2000/39/EC

Directive 75/324/EEC

Decision 2000/532/EC

Transport regulations according to ADR, RID und IATA.

TRGS 900

Hazard statements referred to in section 2 and 3 According to Regulation (EC) N° 1272/2008:

See sections 1 to 16.

Literature and data sources:

H302 Harmful if swallowed.

H332 Harmful if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

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.