Substance	CAS-No.	Agency	Threshold limits
Potassium Fluoroborates	14075-53-7	ACGIH	TWA (as F): 2.5 mg/m³
		OSHA	TWA : 2.5 mg/m³ (tatal dust)
			TWA (as F): 2.5 mg/m³
Formaldehyde	14075-53-7	ACGIH	TWA: 0.1mg/m³
			STEL : 0.3 mg/m³
		OSHA	TWA : 0.75 mg/m³
			STEL : 2 mg/m³
		NIOSH	TWA : 0.016 mg/m³

8.2 Exposure controls

8.2.1 Individual protection measures

8.2.1.1 Respiratory protection: Use respiratory protective 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 hearing 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)

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state, form:	Solid	Boiling point:	N/A
Color:	not applicable	Melting point:	N/A
Odor:	None	Solubility in water:	N/A
Vapor pressure:	N/A	Specific gravity:	N/A

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

Dust may cause respiratory irritaion.
Rubbing product across the skin may cause mechanical irritation or abrasions.
Dust particles may cause abrasive injury to the eyes.

Acute Toxicity

Aluminium Oxide	Oral	> 5000 mg/kg (LD50, rat)
	Inhalation	> 7.6 mg/L/h (LC50, rat)
Zicronium Oxide	Oral	> 5000 mg/kg (LD50, rat)
	Inhalation	> 4.3 mg/L/h (LC50, rat)
Cryolite	Oral	> 10000 mg/kg (LD50, rat)
	Inhalation	> 200 mg/L (LC50, rat)
	Derma	> 2000 mg/kg (LD50, rabbit)
Titanium Dioxide	Dermal	> 10000 mg/kg (LD50, rabbit)
	Inhalation	> 6.82 mg/L/4h (LC50, rat)
	Ingestion	> 10000 mg/kg (LD50, rat)
Formaldehyde	Oral	> 5000 mg/kg (LD50, rat)
	Inhalation	> 0.578 mg/L/4h (LC50, rat)
	Derma	> 270 mg/kg (LD50, rabbit)
Potassium Fluoroborate	Oral	> 2000 mg/kg (LD50, rat)

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 considerations

13.1 Waste treatment methods

13.1.1 Product
This combustible material may be burned in a chemical incinerator equipped with on afterburner and scrubber.

13.1.2 Packing
Follow national and regional regulations.

14. Transport information

Land transport (ADR/RID)

14.1 UN-Nummer:	No dangerous good in sense of this transport regulation.
14.2 UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3 Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4 Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1 UN-Nummer:	No dangerous good in sense of this transport regulation.
14.2 UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3 Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4 Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1 UN-Nummer:	No dangerous good in sense of this transport regulation.
14.2 UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3 Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4 Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1 UN-Nummer:	No dangerous good in sense of this transport regulation.
14.2 UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3 Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4 Packing group:	No dangerous good in sense of this transport regulation.

15. Regulatory information

The company is not able to check up the regulatory information in regard to be substances in your country or region, therefore, we request this matter would be filled by your responsibility.

16. Other information

Reference:

Chemical substances of unknown or variable composition complex reaction products and biological material. Coated abrasives modern tool of industry.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.