1. **Chemical Product and company identification**

   *Identification of the product*
   Product name: Procera® AllCeram core material

   *Manufacturer/supplier identification*
              2. Procera Sandvik AB, 12680, Stockholm, Sweden
   Telephone number: 1. (201)398-7411
                    2. +46 8 7266 300

2. **Chemical composition/information on ingredients**

   Composition: > 99.5% Al₂O₃, 500 ppm MgO

3. **Hazard identification**


4. **First-aid procedures**

   After skin contact: —
   After eye contact: After grinding, rinse with plenty of water for at least 10 minutes with the eyelid held wide open. Consult a physician.
   After inhalation: After grinding, move to fresh air.
   After swallowing: Drink plenty of water

5. **Fire-fighting procedure instructions**

   Not flammable

6. **Accidental release measures**

   No harmful release

7. **Handling and storage**

   Handling: No further requirements
   Storage: No further requirements
8. Exposure controls/personal protection

Specific control parameters

- Respiratory protection: Required when dust is generated
- Eye protection: Required when grinding
- Hand protection: —
- Industrial hygiene: Wash hand after grinding the core material

9. Physical and chemical properties

- Form: Solid
- Color: White
- Odor: Odorless
- Melting range: > 2000°C
- Boiling point: > 2000°C
- Ignition temperature: No information available
- Flash point: No information available
- Explosion limit lower: Non explosive
- Explosion limit higher: Non explosive
- Density: 3.96 g/cm²
- Solubility in water: Insoluble

10. Stability and reactivity

- Condition to be avoided: None
- Substances to be avoided: None
- Hazardous decomposition products: None

11. Toxicological information

- Acute toxicity: Non-toxic
- Primary irritant effects: -
- After eye contact: Dust during grinding may cause irritation
- After skin contact: No irritation
- After inhalation: Dust during grinding may cause irritation
- After swallowing: May cause irritation
- Sensitization: No sensitization effect known
When used and handled according to specification, the product does not have any harmful effects according to our experience and the information supplied to us.

**12. Ecological information**

No ecological problems are to be expected

**13. Disposal**

| Product: | The product contains 99.5% aluminum oxide and cannot cause any harm to the environment |
| Packing: | Disposal in compliance with official regulations |

**14. Transportation**

Not subjected to transportation regulations.

**15. Regulations**


**16. Other information**

Date of issue: 4.02.99

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee for the properties of the product.