1. IDENTIFICATION

1.1. *Commercial name*: KORAL

1.2. *Supplier:*
ALDERO industrial supplies srl
Via Quartaccio 1, 01033 Civita Castellana -VT-
tel +39 0761 513248 - fax +39 0761 599530
web www.aldero.com - email info@aldero.com

2. PRODUCT CHEMICAL COMPOSITION

2.1. *Substance:* Refractory material (Cordierite)

2.1. *Dangerous impurity:* None

3. HAZZARD INFORMATON

If dry cut, dust may contain quartz

4. FIRST AID MEASURES

4.1. *Skin contact:* Normally doesn't give consequence . If irritation persist, seek medical aid (Dry Dust).

4.2. *Eye contact:* Flush with clean water. If irritation persist, seek medical aid (Dry Cutting Dust).

4.3. *Inhalation:* Remove with fresh air. If irritation persist, seek medical aid (Dry Cutting Dust).

4.4. *Ingestion:* Rinse mouth out with fresh water. No other treatment necessary.

5. FIRE FIGHTING MEASURES

5.1. *Particular fire or explosion danger:* Inactive product – No reaction with water and other extinguishing agent

5.2. *Extinguishing method:* Recommendation: None
Contra-indication: None

5.3. *Particular protection measure:* None

6. ACCIDENTAL RELEASE MEASURES

6.1. *Individual protection measures:* No one in particular

6.2. *Environment protection measure:* No one in particular

6.3. *Cleaning method:* No one in particular

6.4. *Product destruction method:* No one in particular

7. HANDLING AND STORAGE

7.1. *Special precaution:* Normal precaution for all the solid, heavy and abrasive products

7.2. *Storage:* No particular storage recommendation

7.3. *Packing material:* All

8. PERSONAL PROTECTION

8.1. *Respiratory protection:* If the dust concentration exceed limits (dry cutting) use of filtering half mask may be recommended

8.2. *Hand protection:* Barrier protection may be recommended

8.3. *Skin protection:* Barrier protection may be recommended

8.4. *Eye protection:* Eye protection may be recommended during cutting operation

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. *Appearance:* Solid. Shaped product with variable dimensions

9.2. *Odor:* None

9.3. *Color:* Beige

9.4. *pH:* 7

9.5. *Melting point:* > 1600°C

9.6. *Flammability:* Non flammable

9.7. *Explosive properties:* Non explosive

9.8. *Density:* 2.04 g/cm^3

9.9. *Solubility:* Solvent Insoluble

9.10. *Water solubility:* Insoluble

10. STABILITY AND REACTIVITY

10.1. *Dangerous alteration products:* None

10.2. *Reaction:* None

11. TOXICOLOGY

Cordierite (Cordierite refractory material) is non toxic

12. ECOLOGICAL INFORMATION

12.1. *Degradability:* Non biodegradable. Persistent

12.2. *Accumulation:* No bio-accumulation or bio-magnification identified

12.3. *Eco toxicity:* Non toxic

13. WASTE DISPOSAL INFORMATION

13.1. *Waste disposal:* Non dangerous product. Nevertheless see the local recommendation for waste disposal

13.2. *Dirty packages destruction process:* None

14. TRANSPORT INFORMATION

14.1. *By land & by river:* Non dangerous substance

14.2. *By sea:* Non dangerous substance

14.3. *Air:* Non dangerous substance

15. REGULATORY INFORMATION

Cordierite CAS number 123330-40-4 (Chemical Abstract Service)

Mullite CAS number 1302-93-8 (Chemical Abstract Service)

Quartz CAS number 14808-60-7 (Chemical Abstract Service)

16. ADDITIONAL INFORMATION

Water absorbent product.
Product with alimentary certification.