

1. Identification of substance:

Trade name: ThermCell: EA98VHP – EA98HP – EA90VHP – EA98HP – EA98HPHD

Product forms: Pellets & standard and custom bulk shapes (Bricks, boards, shapes, etc.)

Manufacturer: Anderman Ceramics Ltd, Unit 117 Oak Drive, Hartlebury Trading Estate, Kidderminster. DY10 4JB. U.K.

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2. Composition / data on components:

Ingredient Name	%	EINECS N°	CAS N°	Symbol
Alumina oxide	72 à 99.5	215-691-6	1344-28-1	Al ₂ O ₃
Mullite	0.5 à 28	215-113-2	1302-93-8	Al ₆ Si ₂ O ₁₃

3. Hazards identification:

The bulk shapes supplied are non-hazardous during usage.

When dealing with pellets and when the bulk product is cut, ground or machined, dust might be generated and cause Irritation of eyes, skin and upper respiratory tract.

4. First aid measures:

Eyes: Flush eyes with clean water.

Skin: Wash skin with soap and water.

Inhalation: Supply fresh air.

5. Fire fighting measures:

ThermCell products are non-flammable and non-explosive.

6. Accidental release measures:

Personal precautions: During handling of loose pellets and bulk machining, if dust is generated, use common protective equipment like dust respirator and glasses against the inert dust.

7. Handling and storage:

No special instructions.

8. Exposure control / Personal protective equipment:

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9. Physical & chemical properties:

Physical state: Solid, sintered shapes.

Boiling point: Not applicable

Vapor pressure: Not applicable

Solubility: Not applicable

Density: 0.09 – 1.0 gr/cc

Odor: Odorless

Octanol – Water coefficient: Not applicable

Appearance: White

Melting point: 2000 °C

Vapor density: Not applicable

pH level: Not determined

Odor threshold: Not applicable

10. Chemical stability & reactivity:

Stability: Stable under normal conditions of use, storage, and transportation.

Hazardous decomposition: No dangerous decomposition products for fired parts.

11. Toxicological information:

The product is not toxicological.

12. Ecological information:

The product is fibre free and inert to the environment.

The product does not contain any free silica. All SiO₂ is in the form of mullite.

13. Disposal considerations:

No special instructions for the disposal of the product. Consult state, local or national regulations for proper disposal.

14. Transport information:

No special instruction or care to be exercised for transportation of this product. It may be transported through air / sea / road with appropriate packing to avoid transit damage.

15. Regulatory information:

Risk phrases: R20 – Harmful by inhalation.

Safety advice phrases: S22 – Do not breath dust.

We hereby declare that the material an alumina mullite composite falling under ceramics / refractories and are nontoxic.

No gaseous emission is there from the product.

The item is not listed in the 55 edition of the DGR manual and also technically competent to classify and certify for transportation.

We also declare that the above information provided on the MSDS is true and correct to our knowledge.

