

## Safety Data Sheet according to Regulation (EC) Nr. 1907/2006

Revisions date: 23.07.2020

### FRIALIT®-DEGUSSIT® Oxide Ceramics

<p>1. <u>Identification of the substance and of the company</u></p> <p>Trade name:</p> <p>Relevant identified uses:</p> <p>Manufacturer:</p> <p>Information contact:</p>	<p><b>DEGUSSIT® FZY</b></p> <p>Oxide-ceramic products</p> <p><b>KYOCERA</b> Fineceramics Solutions GmbH Steinzeugstraße 92 68229 Mannheim Tel. +49 621 486-0 www.kyocera-solutions.de</p>
<p>2. Hazards identification</p> <p>Not classified as hazardous acc. to GHS or EC-regulation</p>	
<p>3. <u>Information on ingredients:</u></p> <p>Characterisation:</p> <p>Main component:</p> <p>CAS – No:</p> <p>EINECS – No:</p> <p>Hazardous ingredients:</p>	<p>Y-partially stabilized zirconia (Y-PSZ)</p> <p>ZrO<sub>2</sub></p> <p>1314-23-4</p> <p>215-227-2</p> <p>none</p>
<p>4. First aid measures:</p> <p>No special measures necessary</p>	
<p>5. Firefighting measures:</p> <p>The product itself does not burn</p>	
<p>6. Accidental release requirements:</p> <p>No special measures necessary</p>	
<p>7. Handling and storage:</p> <p>Brittle material, handling accordingly</p>	
<p>8. Exposure controls and personal protection:</p> <p>No special measures necessary</p>	
<p>9. <u>Physical and chemical properties:</u></p> <p>Appearance:</p> <p>Safety relevant basic data:</p>	<p>Physical state: solid ceramic product</p> <p>Colour: white</p> <p>Odour: none</p> <p>Density: approx. 5,7 g/cm<sup>3</sup></p> <p>Melting point: approx. 2700°C</p> <p>Flash point: not applicable</p> <p>Explosive limits: not applicable</p> <p>Ignition point: not applicable</p> <p>Water solubility: insoluble</p>

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| 10. Stability and reactivity:<br>No disclosures required  |
| 11. Toxicological information:<br>Not classified as toxic or hazardous  |
| 12. Ecological information:<br>Without risk to the environment  |
| 13. Disposal considerations:<br>According the local official regulations for ceramic materials  |
| 14. Transport information:<br>Not dangerous cargo   |
| 15. Regulatory information:<br>A safety data sheet is not mandatory acc. 1907/2006/EU. Provide is voluntary.  |
| 16. Other information:<br>The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the product in terms of their safety requirements. The data does not signify any warranty with regards to the product`s properties.<br>. |

This safety data sheet was created with computer and is valid without signature.