

SAFETY DATA SHEET 2001/58/EC



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1. Substance/preparation and company identification

- 1.1 Product name: **504 / 504R / 504 SINTER COGE-ALU FOIL**
(504-25-50 / 504-32-50 / 504-48-50 / 504-48-34 / 504-48M-34/504-48-34/50)
product use: Flexible mica plane material to separate and insulate refractory linings from induction furnaces.
- 1.2 Supplier: COGEBI
Huysmanslaan 65 tel. +32 2 334.91.11
B-1651 Lot fax.+32 2 378.12.09
- 1.3 Emergency telephone: tel. +32 2 334.91.11

2. Composition / information on ingredients

- 2.1 Chemical nature: Mica, glass fiber, silicon bond, aluminium foil
contains:

NAME	CAS No.	%	R phrases

3. Hazards identification

-none.

4. First-aid measures

- 4.1 inhalation: -not applicable.
4.2 eye contact: -not applicable.
4.3 skin contact: -not applicable.
4.4 ingestion: -induce vomiting.
4.5 other: -none.

5. Fire-fighting measures	
5.1 suitable extinguishing media:	water, CO2, ...
5.2 unsuitable extinguishing media:	none.
5.3 special exposure hazards:	none.
5.4 special equipment for fire fighters:	none.
5.5 other recommendations:	none.

6. Accidental release measures	
6.1 personal precautions:	not applicable.
6.2 Environmental precautions:	not applicable.
6.3 methods for cleaning:	not applicable.
Reference to points 8 and 13	

7. Handling and storage	
7.1 handling:	no specific precautions required.
7.2 storage:	store in dry area.

8. Exposure controls/personal protection							
8.1 technical protective measures:	see also point 7						
8.2 exposure control limits:							
<table border="1"> <thead> <tr> <th>NAME:</th> <th>CAS No.</th> <th>exposure limits:</th> </tr> </thead> <tbody> <tr> <td>Mica</td> <td>12001-26-2</td> <td>3mg/m3</td> </tr> </tbody> </table>	NAME:	CAS No.	exposure limits:	Mica	12001-26-2	3mg/m3	
NAME:	CAS No.	exposure limits:					
Mica	12001-26-2	3mg/m3					
8.3 personal protection:							
- respiratory protection:	not required, unless dust is created.						
- hand protection:	not required.						
- eye protection:	not required.						
- skin protection:	not required.						
- hygiene measures:	Wash hands before meals and before smoking.						

9. Physical and chemical properties ²

9.1 physical form:

appearance: solid (sheets and rolls)
odor: neutral

color: dark.
clear (504 Sinter).

pH: neutral

- | | | |
|---|-------|---|
| - boiling point/boiling range | ----- | not applicable. |
| - flash point | ----- | not applicable. |
| - flammability (solid, gas) | ----- | on first exposal to extreme high temperature, very little gas from the binder may ignite briefly. |
| - autoflammability | ----- | not applicable. |
| - explosive properties | ----- | not applicable. |
| - oxidizing properties | ----- | on first exposal to extreme high temperature, very little gas from the binder may ignite briefly. |
| - vapour pressure | ----- | not applicable. |
| - relative density | ----- | 1.0 - 2.5 kg/dm ³ . |
| - water solubility | ----- | insoluble. |
| - fat solubility | ----- | not applicable. |
| solvent: | ----- | not applicable. |
| - partition coefficient n-octanol/water | ----- | not applicable. |

OTHER DATA:

- | | | |
|--------------------|-------|-----------------|
| - vapour density | ----- | not applicable. |
| - miscibility | ----- | not applicable. |
| - evaporation rate | ----- | not applicable. |
| - conductivity | ----- | not determined. |
| - viscosity | ----- | not applicable. |

² in accordance with directive 67/548/EEC

10. Stability and reactivity

10.1 stability: Binder undergoes changes of state at about 250 °C.

10.2 reactivity

- conditions to avoid: none.
- materials to avoid: none.
- hazardous decomposition products: CO₂, CO, SiO₂ from binder.

When there is a lack of oxygen, a small amount of formaldehyde and its polymerization products will be formed as intermediate products.

11. Toxicological information

11.1 Delayed and immediate effects from short- and long-term exposure to product/substance:

- skin contact : mica dust can involve irritation.
- eye contact : - mica dust can involve irritation.
- inhalation : mica dust can involve irritation.
- ingestion : - unknown.

11.2 additional information:

LC50: not determined.

LD50: not determined.

12. Ecological information

12.1 behaviour in aquatic environment

mobility:

bioaccumulative potential:

12.2 persistence

degradability

the material decomposes gradually into its components.

12.3 ecotoxicity:

aquatic toxicity:

unknown.

soil:

unknown.

13. Disposal considerations

13.1 disposal of the substance/preparation:

No special measures required; apply state, federal or local regulations.

13.2 disposal of contaminated packaging:

No special measures required.

13.3 community provisions related to waste:

In their absence:

National or regional provisions may be in force

14. Transport information

none.

15. Regulatory information

15.1 classification and labeling

contains: -

symbols: - none.

R phrases: none.

s phrases: none.

15.2 national measures:

15.3 further information: none.

16. Other information

- training advice:
- recommended uses and restrictions:
- further information:
- sources:

The data in this safety data sheet is to the best of our knowledge at the indicated time.
The information may not be complete or correct. The user remains entirely responsible for the application of laws and provisions.
This safety data sheet replaces any previous version.